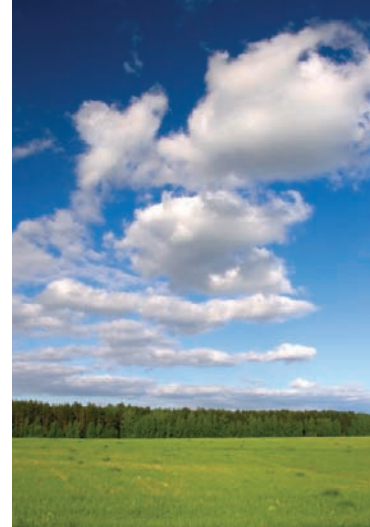


Weather and Climate

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Glossary

air mass (AIR MAS) a large body of air that has about the same temperature and humidity throughout (18)

air pressure (AIR PRESH-ur) the weight of air around Earth pressing down on Earth's surface (6)

anemometer (an-uh-MOM-uh-tur) a weather instrument used to measure wind speed (17)

atmosphere (AT-muh-sfeer) the blanket of air around Earth (4)

barometer (buh-ROM-uh-tur) a weather instrument used to measure air pressure (17)

cirrus cloud (SI-ruhs KLOWD) a high, wispy cloud made of tiny ice crystals (9)

climate (KLYE-muht) the average weather pattern in an area over many years (22)

cold front (KOHLD FRUHNT) the place where a cold air mass moves into and pushes under a warm air mass (18)

condensation (kon-den-SAY-shuhn) the changing of a gas to a liquid (8)

cumulus cloud (KYOO-myuh-luhs KLOWD) a puffy cloud with a flat bottom (9)

evaporation (i-vap-uh-RAY-shuhn) the changing of a liquid to a gas (8)

fog (FOG) a cloud that forms very close to the ground (9)

front (FRUHNT) the place where two air masses of different temperatures meet (18)

humidity (hyoo-MID-i-tee) the amount of moisture in the air (5)

hurricane (HUR-i-kayn) a large, powerful storm with heavy rain and strong winds; wind speeds are 119 kilometers (about 74 miles) per hour or higher (13)

land breeze (LAND BREEZ) wind that blows from land toward water at night (7)

precipitation (pri-sip-i-TAY-shuhn) water falling from the air back to Earth as part of the water cycle; rain, sleet, hail, or snow (8)

sea breeze (SEE BREEZ) wind that blows from water toward land during the day (7)

stratus cloud (STRAT-uhs KLOWD) a low, flat, layered cloud (9)

temperature (TEM-pur-uh-chur) a measure of how hot or cold something is (5)

thermometer (ther-MOM-uh-tur) a weather instrument used to measure temperature (17)

tornado (tor-NAY-doh) a quickly spinning funnel of air that reaches from the bottom of a thundercloud to the ground (12)

troposphere (TROH-puh-sfeer) the layer of the atmosphere closest to Earth's surface, where most weather happens (4)

warm front (WORM FRUHNT) the place where a warm air mass moves into and slides over a cold air mass (18)

water cycle (WAH-tur SYE-kuhl) the movement of water from Earth's surface to the air and back again (8)

water vapor (WAH-tur VAY-pur) water in the form of a gas (5)

weather (WETH-ur) what is happening in the air around Earth at a certain place and time (4)