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Science Vocabulary

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| **Across**  **2.**  a funnel-shaped cloud that projects from the base of a thundercloud and that often precedes the formation of a tornado also : tornado  **7.**  the usual weather conditions in a particular place or region  **11.** to change from a liquid into a gas  **14.**  the whole mass of air that surrounds the Earth  **15.**  a small amount of a liquid (such as water) that makes something wet or moist  **16.**  a science that deals with the atmosphere and with weather  **20.**  frozen or partly frozen rain  **21.**  an extremely large, powerful, and destructive storm that occurs especially in the region of the Philippines or the China Sea  **23.**  cumulus cloud having a low base and often spread out in the shape of an anvil extending to great heights see cloud illustration  **24.** precipitation in the form of small balls or lumps usually consisting of concentric layers of clear ice and compact snow  **25.** a natural movement of air of any velocity especially : the earth's air or the gas surrounding a planet in natural motion horizontally  **27.** a storm with lightning and thunder  **28.**  a high-altitude cloud form consisting of small white rounded masses usually in regular groupings see cloud illustration  **29.** a violent and destructive storm in which powerful winds move around a central point  **30.** A tropical depression forms when a low pressure area is accompanied by thunderstorms that produce a circular wind flow with maximum sustained winds below 39 mph | **Down**  **1.** a large area of flat land in northern parts of the world where there are no trees and the ground is always frozen  **3.**  to cause (something) to become warm or hot  **4.**  a thin type of cloud that forms high in the sky  **5.** an instrument that is used to measure air pressure and predict changes in the weather  **6.**  a low dark layer of gray cloud usually producing light continuous rain or snow see cloud illustration  **8.** transition zone between two air masses. A cold front is a warm-cold air boundary with the colder air replacing the warmer. As a cold front moves into an area, the heavier cool air pushes under the lighter warm air that it is replacing.  **9.**  movement in a gas or liquid in which the warmer parts move up and the colder parts move down ;also the transfer of heat by this movement  **10.** sometimes also called barometric pressure, is the pressure exerted by the weight of air in the atmosphere of Earth  **12.** an extremely large, powerful, and destructive storm with very strong winds that occurs especially in the western part of the Atlantic Ocean  **13.** -a low cloud form extending over a large area at altitudes of usually 2000 to 7000 feet (600 to 2100 meters) see cloud illustration  **17.** distance north or south of the equator measured in degrees up to 90 degrees  **18.**  the recent increase in the world's temperature that is believed to be caused by the increase of certain gases (such as carbon dioxide) in the atmosphere  **19.** soft, white pieces of frozen water that fall to the ground from the sky in cold weather  **22.**  water that falls to the ground as rain, snow, etc. ;the process of separating a solid substance from a liquid  **26.** a type of thick cloud that is rounded on top and has a flat base |