

Master key

Severe Weather (crossword)

Lightning: a rapid discharge of electrical energy into the atmosphere.

Tornado: a violently rotating column of air extending from a cumuliform cloud to the ground.

Thunderstorm: requires moisture, lift, and unstable air.

Flood: the inundation of a normally dry area caused by abnormally high-water flow.

Flash flooding occurs within a few hours of heavy or excessive rainfall.

Hail: larger than sleet and forms only in thunderstorms.

Watch: be prepared! Severe weather is possible in and near a certain area.

Warning: take-action and seek shelter! Severe weather is occurring or will shortly in a certain area.

Weather Safety (crossword)

Flashlight: used to see when the power goes out.

Radio: to receive the latest watches and warnings.

Water: at least a week supply to drink for you, family, and pets.

Helmet: for head protection during severe weather.

Food: have a good supply of nonperishables to last for at least a week.

Batteries: to replenish the radio and flashlight when the power goes out.

First Aid: have this kit in case of potential injuries

Plan: have one for your family before severe weather or major hazards strike!

Blanket: to keep warm during the extreme cold

Communication: speak to ensure everyone in your family knows what to do before severe weather or major hazards occur.

Weather Tools & Instruments (crossword)

Satellite: a photographic way to view clouds and other large-scale air movements

Radar: used to locate precipitation and determine precipitation type.

Radiosonde: instrument that is launched twice a day into the upper atmosphere.

Balloon: attached to the weather instrument and filled with either hydrogen or helium.

Rain Gauge: an instrument that collects and measures rainfall.

Thermometer: an instrument that measures temperature.

Barometer: used to measure air pressure.

Anemometer: used to measure wind speed via cups and a dial

Wind Vane: used to determine the wind direction.

Weather Map: a visual way to see atmospheric conditions across large areas of Earth's surface.

Weather & Meteorology Fields (crossword)

Aviation: involves providing weather information for the airspace system.

Broadcast: the 'face of meteorology,' meteorologists on-screen with a scientific background.

Private: includes a variety of working environments such as large consulting businesses, universities, shipping companies, and other weather-dependent industries.

Operational: includes the National Weather Service and involves weather forecasting.

Space: the sun is the main source of this type of weather.

Fire: involves conditions such RH, wind speed, wind direction, mixing heights, and working closely with wildland managers.

Tropical: cyclones, hurricanes, seasonal period, ocean, Atlantic, Pacific, waves, marine

Severe: includes tornadoes, thunderstorms, hail, damaging winds, warnings, lightning, chasing

Winter: snow, cold temperatures, sleet, wind chill, freezing rain,

Academia: includes teachers and professors who help educate about weather of all different types.

Student: a person studying meteorology

Tropical Weather (wordsearch)

Eye, eye wall, hurricane, storm surge, flooding, rip current, watch, warning, hurricane hunter, tornado

Weather Miscellaneous (wordsearch)

Weather balloon, satellite, radar, weather radio, atmosphere, troposphere, rainbow, sun dog, storm spotter, preparedness, storm shelter, safety kit,

Weather (wordsearch)

Tornado, hurricane, flood, tropical storm, cloud, hail, wind, rain, snow, ice crystal, sleet, water spout, virga, land spout, flash flood, drizzle, rip current, thunderstorm, thunder, lightning