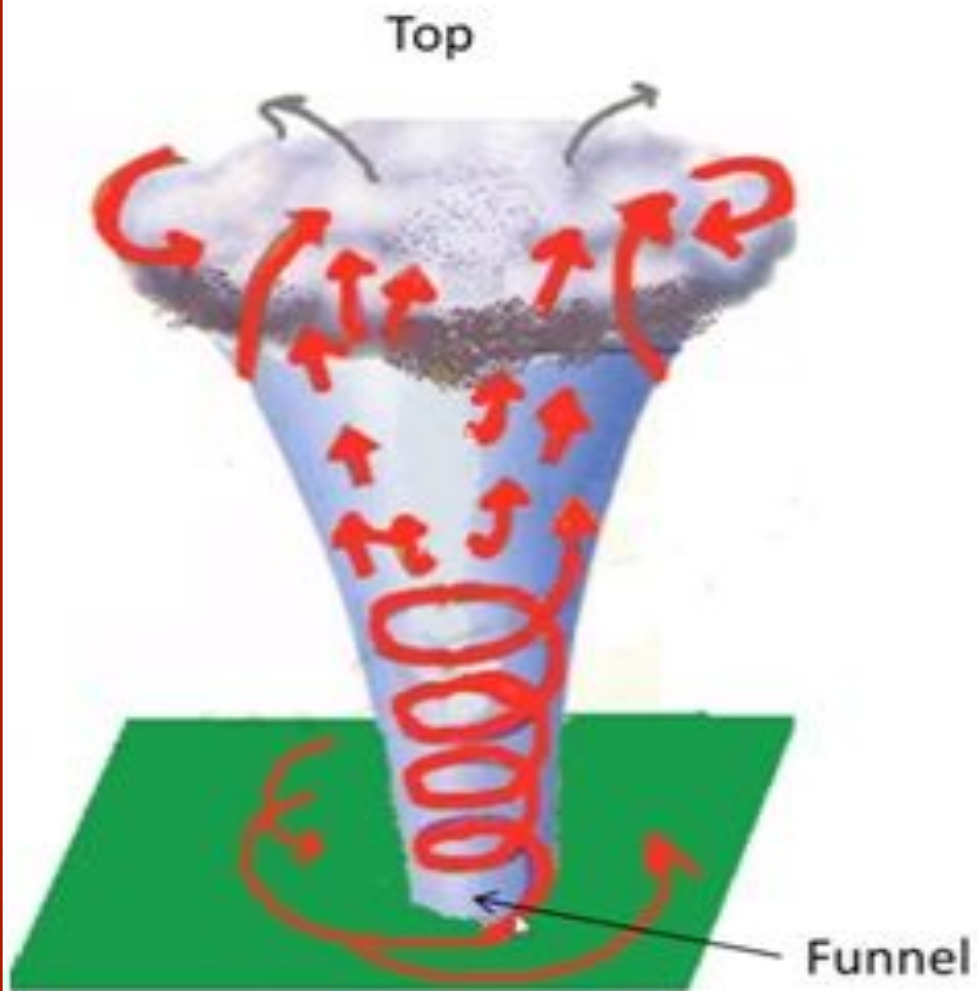


Tornado -

A tornado is a violently rotating dark funnel shaped cloud that reached from sky towards ground.

- Diameter of a tornado ranges from few meters to a km.**
- It grows bigger by taking dust and anything else near it. Smaller tornadoes can only make dust rotate with itself whereas a bigger tornado can take vehicles or even houses.**

- **It sucks everything from bottom and throws them out from the top.**
- **Tornadoes can attain a speed of 300km/hr.**
- **They can form within cyclones.**



Structure of a Tornado

Anemometer -

An anemometer is a device used for measuring wind speed.

- **It consists of cup like structures to measure wind speed based on their movement.**
- **It can also show the direction of the wind.**
-



Different types of Anemometers

Safety Measures and Precautions -

In case of a Cyclone or a Tornado, following are the safety measures to be taken on behalf of government and people:

- Government should forecast cyclones 24 hours in advance with the help of satellites and radars.**
- Cyclone and Tornado shelters should be made for people living in cyclone prone areas. These are rooms made underground and away from shores having no windows.**

- **Quick communication to government agencies, fishermen, ports to make necessary arrangements and minimize destruction.**
- **As an individual, when cyclone or a tornado strikes, take shelter under tables, bow down and protect head and neck using arms.**
- **Keep away from water in cyclone-hit areas as the water might be contaminated.**
- **Stay inside houses.**

- **Should not ignore warnings from meteorological department.**
- **Should have all emergency numbers.**
- **Avoid driving on roads full of water as the roads might be damaged or the vehicle may get stuck with water going inside the machinery.**
- **Cyclone/Tornado can cause damage to electric poles and it may cause short circuit and electric shocks.**
- **Cooperate and help others.**



PLENARY -

Q. What is a tornado?

Q. Give the precautions that should be taken during thunderstorms.

ASSESSMENT / EVALUATION -

Q. Name the ocean which is mainly responsible to bring rain bearing monsoon winds to Kerala coast in June every year.

A. An Indian ocean is mainly responsible to bring rain bearing monsoon winds to Kerala coast in June every year.

Question .

Name the instrument which is used to measure the speed of wind.

Answer:

Anemometer is used to measure the speed of wind.