**Pressure Systems**

Move from high to low pressure

Sinking or rising air combined with the Coriolis effect results in the formation of rotating high and low pressure systems in the atmosphere

**Low Pressure Systems**

IN surgace low pressure systems, air rise. When air from outside the system replaces the rising air this air spirals inward

**High Pressure system**

In a surface high pressure system sinking air moves away from the systems center when it reaches earth’s surface

In the northern hemisphere winds move counter clockwise and inwards around a low pressure system and high is clockwise and outwards

**Weather Instruments**

**Barometer** measures air pressure

**Hygrometer** measures humidity

**Anemometer** measures wind speed

A **radiosondes** sensors measures the airs temperature pressure and humidity

**Doppler radar** speed at which precipitation moves toward or away from a radar station

**Station model** is a record of weather data for a particular site at a particular time meteorological symbols are used to represent weather data in a station model. Universal language more info in less space

**Isobar** Lines of equal pressure

**Isotherms** Lines of equal lines of pressure