

Weather Chapter 2 Study Guide

weather tool	measures
wind vane	wind direction
thermometer	temperature
rain gauge	precipitation
anemometer	wind speed
wet-bulb thermometer	relative humidity
dry-bulb thermometer	relative humidity
aneroid barometer	air pressure
mercury barometer	air pressure

Clouds

Cumulus	like fluffy piles of cotton	fair weather
Stratus	flat layers	drizzle, rain, snow
Cirrus	wispy & feathery	ice crystals

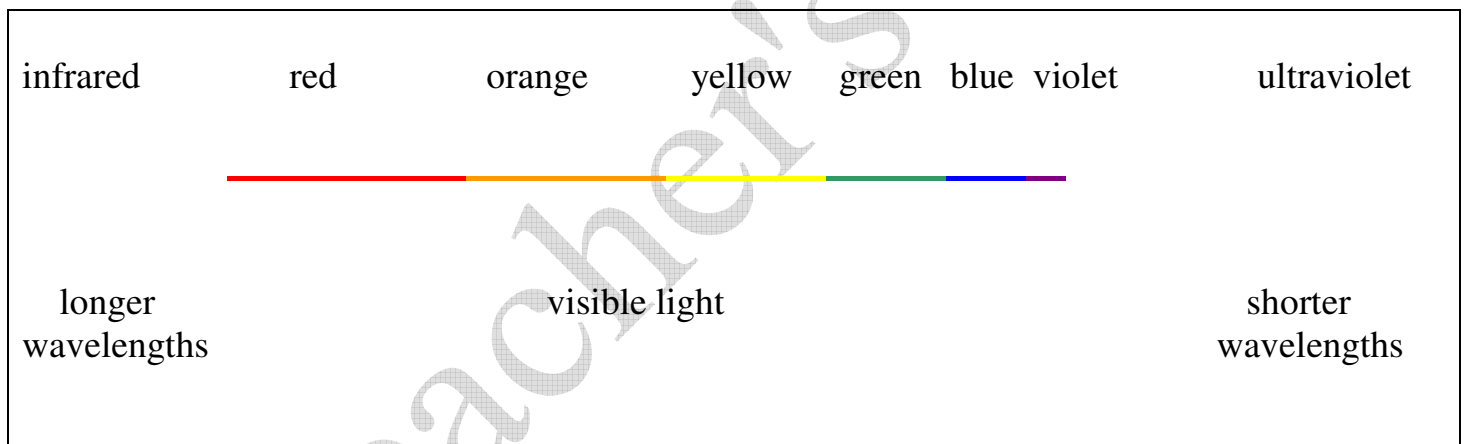
Precipitation

rain	most common at least 0.5 mm
sleet	rain freezes as it falls
freezing rain	freeze when they touch a cold surface
hail	ice pellet with lots of layers
snow	ice crystals

Winds

north wind	from the north	to the south
south wind	from the south	to the north
east wind	from the east	to the west
west wind	from the west	to the east

Light



The reflection of light in all directions is called scattering. The light is scattered by gas molecules in the air. Shorter wavelengths like blue and violet scatter more. The sky looks blue because of the scattering of blue and violet light.

Water freezes at 32° F 0° C.

Water boils at 212° F 100° C.