

## N.C. Standard Course of Study and Grade Level Competencies

### Grade K— Competency Goal 2

The learner will make observations and build an understanding of weather concepts.

#### Objectives

2.02 Identify different weather features including:

Precipitation  
Wind  
Temperature  
Cloud Cover

### Grade 2—Competency Goal 2

The learner will conduct investigations and use appropriate tools to build an understanding of the changes in weather.

#### Objectives

2.03 Describe weather using quantitative measures of:

Temperature  
Wind Direction  
Wind Speed  
Precipitation

### Grade 5—Competency Goal 3

The learner will conduct investigations and use appropriate technology to build an understanding of weather and climate.

#### Objectives

3.02 Discuss and determine how the following are affected by predictable patterns of weather:

Temperature  
Wind Direction and Speed  
Precipitation  
Cloud Cover  
Air Pressure

3.05 Compile and use weather data to establish a climate record and reveal any trends.

3.06 Discuss and determine the influence of geography on weather and climate:

Mountains  
Sea Breezes  
Water Bodies

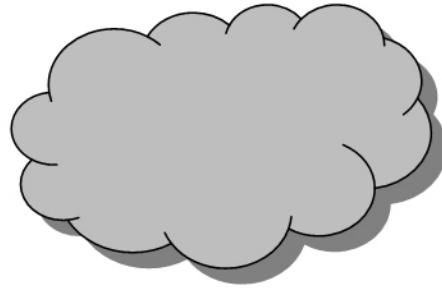


## National Climatic Data Center Glossary of Climatic Terms





**Blizzard:** a violent, blinding snowstorm with a very strong wind and very great cold.



**Cloud:** a white, gray, or almost black mass in the sky, made up of tiny drops of water.



**Drought:** a long period of dry weather; continued lack of rain.



**Flood:** flow of water over what is usually dry land.



**Fog:** cloud of fine drops of water just above the earth's surface; thick mist.



**Frigid:** very cold; cold in feeling or manner; stiff; chilling.



**Hot:** very high heat; having a high temperature.



**Hurricane:** a tropical cyclone; storm with violent wind and usually very heavy rain.



**Lightning:** discharge or flash of electricity in the sky.



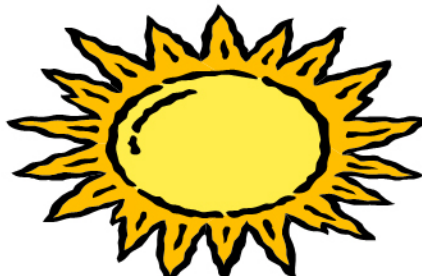
**Rain:** water falling in drops from the clouds.



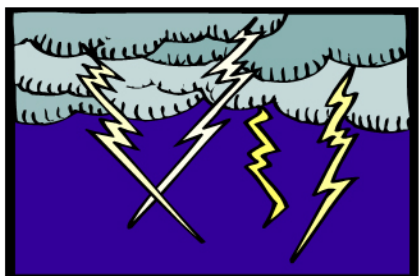
**Rainbow:** bow or arch of seven colors seen in the sky; mist or spray when the sun shines on it.



**Snow:** water vapor frozen into crystals that fall to earth in soft, white flakes.



**Sun:** the brightest object in the sky; the heavenly body around which the earth and planets revolve.



**Thunderstorm:** storm with thunder and lightning; the loud noise that often follows a flash of lightning.



**Tornado:** a whirling funnel extends down from a mass of dark clouds; violent and destroying whirlwind.



**Wind:** air in motion; the wind varies in force from a slight breeze to a strong gale.