PROJECTTITLE: WEATHER

Abstract:

Weather is the state of the atmosphere, describing for example the degree to which it is hot or cold, wet or dry, calm or stormy, clear or cloudy.[1] On Earth, most weather phenomena occur in the lowest level of the planet's atmosphere, the troposphere,[2][3] just below the stratosphere. Weather refers to day-to-day temperature and precipitation activity, whereas climate is the term for the averaging of atmospheric conditions over longer periods of time.[4] When used without qualification, "weather" is generally understood to mean the weather of Earth.

Surface temperature differences in turn cause pressure differences. Higher altitudes are cooler than lower altitudes, as most atmospheric heating is due to contact with the Earth's surface while radiative losses to space are mostly constant. Weather forecasting is the application of science and technology to predict the state of the atmosphere for a future time and a given location. Earth's weather system is a chaotic system; as a result, small changes to one part of the system can grow to have large effects on the system as a whole. Human attempts to control the weather have occurred throughout history, and there is evidence that human activities such as agriculture and industry have modified weather patterns

Weather is the day-to-day or hour-to-hour change in the atmosphere. Weather includes wind, lightning, storms, hurricanes, tornadoes, rain, hail, snow, and lots more. Energy from the Sun affects the weather too. Climate tells us what kinds of weather usually happen in an area at different times of the year. Changes in weather can affect our mood and life. We wear different clothes and do different things in different weather conditions. We choose different foods in different seasons.

Ways to measure weather are wind speed, wind direction, temperature and humidity. People try to use these measurements to make weather forecasts for the future. These people are scientists that are called meteorologists. They use computers to build large mathematical models to follow weather trends.

SCREEN SHOT LAYOUT

APPLOGO

WEATHER....