

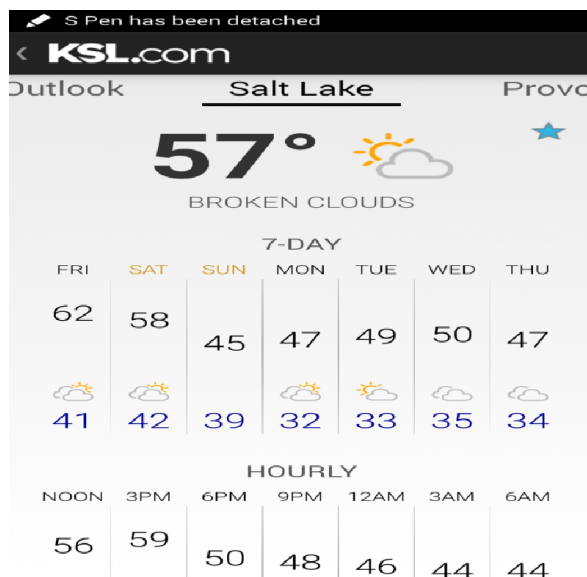
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Geography 1000

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Topic: How the temperature and sunlight affect to our productivity.

We need temperature and sun light to survive. Without these two elements, we will not exist on the earth. The report about the temperature is up to date every day. We can check Utah local daily and weekly temperature on KSL and fox13 website. And we can know a beautiful day or a hot day and a cold day. Depending on the modern technology; we can forecast the temperature many days and weeks and even the months. If a day was less cloud, we will receive much the sun light; if there are many clouds will get less sun light because the cloud blocks sun light to our earth. So the temperature and the sun light have related effects because they are the natural activity process. We are surrounding by the temperature and the sun light so we can be affected direct or indirect by receiving sun light and area physical condition.



The temperature is scaled by F.

There are many different definitions about the temperature. In my topic about how temperature affect to our productivity, the temperature defines as the coldness, the hotness, the cool, and the warm. A Temperature is scaled in F (Fahrenheit) and C (Celsius Scale) and Kelvin (K). F (Fahrenheit) is used just in USA and few countries such as Bahamas, Belize, Cayman Islands, and Palau according to Wikipedia. C (Celsius Scale) is used in the science and “it is the most widely used temperature scale throughout the world.” said Kim Ann Zimmermann.

In USA, the highest temperature was recoded was 134 F according to *USA TODAY* “One hundred years ago Wednesday—in the barren moonscape of Death Valley, Calif. – a thermometer reached a scorching 134 degree F, which is the hottest temperature ever recorded on the planet.” . And the coldest place on the earth was recorded by NASA satellite was from east Antarctica. “Newly analysed Nasa satellite data from east Antarctica shows earth has set a new record for coldest temperature ever recorded: -94.7 C (-135.8F).” said Associated Press.

There are many reasons to make the temperature change. First, the amount of sunlight is received. A day with much cloud, it is certain that the temperature will be reduced. Second, if a day with a clear sky, the ground will receive much sun light. In addition, the different area on the earth will have the different temperature. For example, the Areas in equator will receive much sun light because the equator is close to the sun. The advection is also a condition to make change the weather. The advection is the transfer heat in the atmosphere.

What is the dew point temperature? The dew point is important. The dew point temperature is the air which will become saturated. The dew point temperature affects our car windshield on the morning. The dew point temperature also makes us feel uncomfortable on a warm summer day. When we perspire, our skin water evaporates and we will feel cool. We will feel cooler when the dew point is low because the water on our skin will evaporates faster.



The temperature will affect our productivity. What is our productivity? Our productivity is enjoyable, mood, enthusiasm to work, act which is important elements to help us avoid boring, sad, depress and feel lazy. With a normal person, if the temperature is so hot, temperature inside body will change to adapt to environment, but our enduring body will have limit, hot temperature exceed to 100 f or higher, we usually worry about our hot feeling and our body will have much sweat. when the temperature is so low, we also can sustain. As Fiddich's blog indicates "your environment has a huge impact on how productive you are." and "When temperature were low (68 degrees or 20 degrees Celsius) employees made 44% more mistakes than at optimal room temperature (77 degree or 25 degrees Celsius.)" . It causes uncomfortable feeling. , people cannot concentrate to work.



I took this photograph on Friday morning on November 28, 2014. The sky is not clear because of the cloud.



Figure 1 i took this picture from Google images.

The sun light has benefits to our productivity. Holman said “More sunlight meant better moods; less sunlight lead to symptoms of depression.” If we are inside the house in the whole day, we will feel tired, depress and lazy. Sun light consists both the light color and the light energy. The sun light color makes our eyes feel awake, enjoyable. The sun light has many colors. We see the rainbows which separates many different colors. The colors are red, orange, yellow, and green, blue, violet and they have different wavelength. The sunlight supports vitamin D to our body. Our brain needs vitamin D to function well. In the summer, sun light is bright blue and we like to go outside and have outdoor activities. But in the winter, the sky looks white and no light.

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