

Name: _____ Date: _____ Hr: _____

Cloud Types Webquest

Visit <http://www.rd.com/home/how-to-predict-the-weather/> and write down the forecasting info that each cloud below gives you:

- Cirrus =
- Cirrocumulus=
- Cumulonimbus =
- Nimbostratus =
- Cirrostratus =
- Cumulus humilis =

Visit <http://sectionhiker.com/predicting-the-weather-using-clouds/>

- Stratus clouds resemble fog that does not reach the ground.

Nimbostratus clouds form a dark gray cloudy layer. They produce precipitation that is _____ or _____ and can last for _____ hours. There are two types of alto clouds, _____ and _____. Cirrus clouds are high _____, wispy clouds seen in _____ weather. Cumulus clouds are _____ and look like pieces of cotton. Cumulonimbus clouds bring hail, _____, thunder, and _____.

Click on

<http://geography.about.com/od/waterandice/a/fog-overview.htm>

and answer the following questions.

- Like a cloud, fog forms when water _____ from a surface or is _____ to the air. This evaporation can be from the ocean or another body of water or _____ ground like a marsh or a farm field, depending on the type and location of the fog.

Click on

[http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/cld/dvlp/cnvct.xml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/dvlp/cnvct.xml)

and complete the missing information.

- As the earth is heated by the sun, bubbles of _____ rise upward from the warm surface. If a thermal (vapor) is able to rise high enough to cool to its _____ point, the moisture condenses and becomes visible as a _____.

Now, click on <http://eo.ucar.edu/webweather/cloud3.html> (or

<http://sectionhiker.com/predicting-the-weather-using-clouds/>)

- Create a drawing of each type of cloud on the next page. Be sure to show where the clouds would be in the sky. (Are they high clouds? Low clouds?) **Include the land in your drawings to show how high they are.** You can click on the cloud names in blue to learn more about each cloud type and see pictures to help you draw.

Stratus	Cumulonimbus	Cirrostratus
Alto cumulus	Cirrocumulus	Altostratus
Cumulus	Cirrus	

