

Appendix Five: Answers to quiz questions

Chapter 5 quiz

1. True/False: A cloud consists of many tiny liquid droplets and/or ice crystals held in suspension? **True.**
2. True/False: A wave cloud is only made-up of water droplets? **False-** it can consist of water droplets or ice crystals or both. Since wave clouds occur at higher elevations, they will however tend to be ice crystals.
3. Cumulus clouds are often _____ than they are wider. **Taller.**
4. True/False: Lightning is really cool? **False-** It will burn ya!
5. Supercooled liquid water exists at a temperature _____ freezing. **Below.**
6. Orographic precipitation is primarily controlled by _____ speed. **Wind speed.**
7. True/False: As pristine ice crystals fall through a cloud and merge with other crystals they form what are called _____. **Aggregate snowflakes.**
8. True/False: Rainbows only form when the angle of the sun with respect to the water droplet is 22° ? **False-** rainbows form at many angles with respect to the sun. Sun halo's produced by ice crystals form at an angle (arc) of 22° from the sun.
9. In general, cooler air temperatures result in _____ amounts of snowfall. **Smaller.**
10. Cumulus clouds consist of updrafts and _____. **Downdrafts.**