

# Grand Canyon Microclimatology: Lecture & Quiz

⚠ This is a preview of the published version of the quiz

Started: May 18 at 4:37pm

## Quiz Instructions

The purpose of this lecture & quiz is to make sure that background information related to this lab is gathered all in one place. The material presented here reviews concepts such as temperature gradients, precipitation variability, seasonal changes, and ecoregions of the Grand Canyon. There is also a short multiple-choice quiz to give you a chance to earn more points and assess your comprehension.

The raw materials that are being quizzed exist in two different forms. One is the text providing the same information as the lecture below ([PDF Version](#); [MS Word Version](#)). The other is an audio-visual presentation by Dr. Ryan Heintzman below.



When you are done with reading this material and/or watching the presentation, take the multiple choice quiz administered by canvas below.

### Question 1

1 pts

What time of year has the greatest difference in air temperature between the Grand Canyon rim and canyon floor?

- Fall
- Spring
- Summer
- Winter

### Question 2

1 pts

What time of year is sunlight most likely to reach the river at the floor of the Grand Canyon?

- Winter
- Summer
- Fall
- Spring

**Question 3****1 pts**

Match the Grand Canyon ecoregions with their associated elevations

Boreal Forest

[ Choose ]



Ponderosa Pine Forest

[ Choose ]



Pinyon-Juniper Woodland

[ Choose ]



Desert Scrub

[ Choose ]

**Question 4****1 pts**

Which slope orientation within the Grand Canyon generally has lower ecoregions due to cooler temperatures and less evaporation?

- North facing slopes
- South facing slopes
- East facing slopes
- West facing slopes

Not saved

Submit Quiz