

AOSC 201: Weather and Climate Lab

Extra directions for Lab 4: Observations and Simple Forecasts

We'll be doing #1 first, then #5 outside, then we'll come back inside.

Question 2

Your answer should be in Celsius.

Question 3

<http://www.denysschen.com/denysschen/catalogue/density.aspx>

Make sure to select the metric option. Our classroom is about 22 meters above sea level.

Temperature should be in Kelvin.

Question 4

Look at the barometers around the room. Here's a hint: 1 mbar = 1 hPa

Question 8

You don't need to go to wunderground.com. The data is in the Excel sheet. Look specifically at December 2014 for College Park.

Question 9

Look at July 2014 for College Park and also come up with a percentage of days a persistence forecast was accurate.

Question 10

Look at both December 2014 and July 2014 for Hilo and come up with a percentage for each month.