

AOSC 201: Weather and Climate Lab

Extra directions for Lab 1: Surface Weather Maps

Read pages 1 to 3 carefully, especially page 2 and 3. That information will be needed extensively to answer Question 1.

Question 2 and 3:

Use the following website instead of the one listed in the lab manual.

<http://w1.weather.gov/obhistory/KCGS.html>

Use the data for Monday, October 5, at 8:00am to fill the data and station model. You may need to scroll down. Cloud cover is given by the “Weather” column. You do not need to answer “Current weather:”

Question 4:

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Question 5:

Do not use the maps on page 6 or 7. Draw isotherms every 10 degrees (40, 50, 60, etc) on the printed surface map that was provided. Use the **red numbers** (max temperatures) to draw your isotherms. Ignore all other numbers. Trace over your lines so they are bold and easy to see.

Question 6:

Indicate the highest and lowest temperatures by marking each with an H or a C on the printed surface map on which you drew isotherms. Ignore the rest of Question 6. Ignore the map on page 7.

Question 7:

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