Virtual Lab – The Atmosphere in Motion

Chapter 13.3 (Predicting Weather) – Page 475

Region _____

Fill-out your data Table on back and complete the questions below when finished using the data for your table.

Question #1 – How did the current conditions on Day 2 compare to your predicted conditions?

Question #2 – How did the current conditions on Day 3 compare to your predicted conditions?

Question #3 – How did the current conditions on Day 4 compare to your predicted conditions?

Question #4 – What observations did you find the most helpful in predicting the weather conditions? Why?

Using the internet, find the current weather for Melrose, MN including (Temperature, Precipitation, Dew Point, Cloud Cover, Wind Direction, Wind Speed, Barometric Pressure and Pressure Change) and draw a station model below.

Data for Day 1

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Predictions for Day 2

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Data for Day 2

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Predictions for Day 3

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Data for Day 3

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Predictions for Day 4

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change

Data for Day 4

City	Temperature	Precipitation	Dew Point	Cloud Cover	Wind Direction	Wind Speed	Pressure	Pressure Change