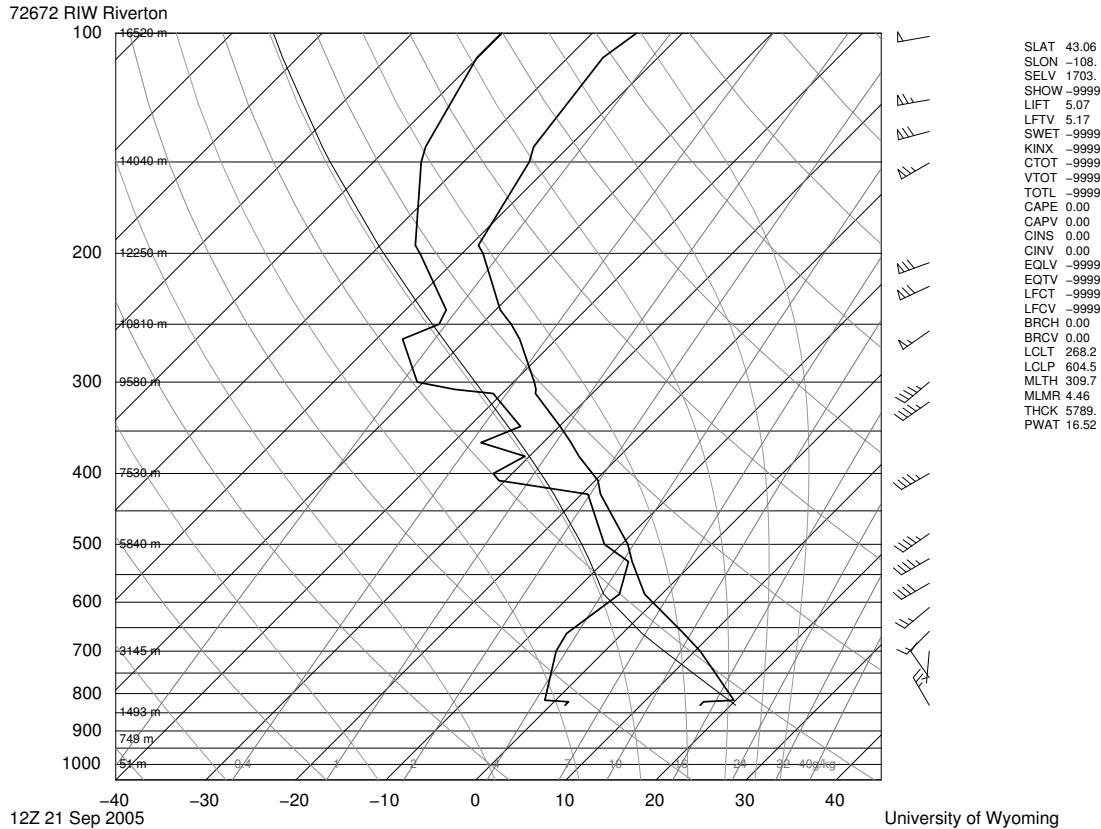


Name: \_\_\_\_\_

NATS 101 Introduction to Weather and Climate, Section 54, Fall 2005  
HW #1 Extra: Tuesday, 26 September 2005.

Use the following figure to answer the questions. **SHOW WORK.**



a) What is the temperature at about 6.5 km (6500 m) for this sounding? 11 km (11,000 m)? Give answers in °C and °F.

b) What is the approximate height of the tropopause for this sounding? Give answers in kilometers (km) and millibars (mb). How do we know that the tropopause is at this height? What is the temperature of the tropopause for this sounding? Give answers in °C and °F.