

# NATS101(30) Project 3 Helpful Hints

Due date: Tuesday, March 25, 2008

Remember to include the appropriate units in *all* your answers.

## Question 1. Page2.

See Ahrens Appendix C (p. 441) for station symbols.

## Question 2. Page3.

Review Ahrens Chapter 3, pg. 63.

## Question 3. Page6.

Only draw the isotherms.

## Question 4. Page6.

Ignore this. Do not draw the isodrosotherms.

## Question 5. Page7.

Review Ahrens pg. 300 for a definition.

## Question 6. Page 8.

Review Ahrens Chapter 8, pp. 205.

## Question 7. Page 11.

Review Ahrens Chapter 6, surface charts pp. 147-152.

Do only parts (a), (b), and (c).

### Tips

- Be patient and use a pencil and eraser like the pros do.
  1. First locate the Low.
  2. Second, draw the cold front and the warm front.
  3. Third draw and label the isobars at 4 mb intervals, e.g., 1016 mb goes through Louisiana and the Gulf states, 1012 mb is next, followed by 1008 mb and 1004 mb around the center of the Low.
  4. The map should look *roughly* like this (you must make it exactly right):

