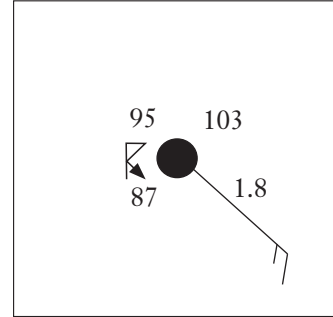


Weather Map Symbol Worksheet

Discussion Questions

- Using the station model at the right, interpret the data and fill in the information listed. Include units where applicable.
 - Amount of cloud cover _____
 - Wind direction _____
 - Wind speed _____
 - Air temperature _____
 - Dew point temperature _____
 - Present weather _____
 - Precipitation in last 6 hours _____
 - Barometric pressure _____



Use the weather map below to complete Questions 2 and 3. *Note:* The barometric pressure is listed in station model form. Thus 1012.0 mb is marked as 120 and 996.0 mb is marked as 960.

- Using a pencil, draw *isobars* to connect areas of equal barometric pressure. *Note:* Isobars never cross each other and are smooth curves.
- Mark the high and low pressure areas with the appropriate symbols.
- Complete the station model in the box for Galveston, Texas given the following conditions.
 - 25% cloud cover
 - Wind out of the south
 - Wind speed 20 knots
 - Air temperature 90°F
 - Dew point temperature 77°F
 - No current precipitation
 - Barometric pressure 1006.0 mb

