What Station Model Has.....
1. The fastest wind speed? __________ B
2. The best chance for rain? Temp & Dew Pt. __________ B
3. The clearest skies? __________ C
4. Winds from the SE? __________ A & B
5. Winds from the SW? __________ D
6. The greatest pressure change? __________ A
7. The highest visibility? __________ A
8. The highest pressure? __________ D
9. The lowest pressure? __________ A
10. Least amount of precipitation? __________ C
11. Greatest amount of precipitation? __________ A & B
12. Highest relative humidity? __________ B
13. Lowest relative humidity? __________ C
14. Greatest cloud cover? __________ B
15. Smog? __________ D

Determine the Following...
1. Tell the 2 ways you can determine the station model with the highest humidity.
   - Temp is close to Dew Pt.
   - 100% cloud cover & lower pressure
2. Convert the pressure for station model B.
   __________ 1002.1 mb
3. What is the pressure change in station model A?
   Dropping __________ 3.1 mb
4. Convert the air temperature to °C in station model D. __________ 43°F = __________ 6°C
5. If winds are coming from the South in station models A, B and D, what type of temperatures and relative humidities will they be bringing?
   __________ mT high humidity & warm temp.
6. Convert the pressure in station model A.
   __________ 1000.2 mb
Station Model Practice

Temperature = 60 °F
Dew Point = 58 °F
Visibility = 1 miles
Current Weather = Rain
Pressure = 999.9 mb
Pressure Trend = -2.2 mb
Cloud Cover = 100%
Wind Direction = NE
Wind Speed = 5 knots
Precipitation = .11 in

Temperature = 21 °F
Dew Point = -3 °F
Visibility = 10 miles
Current Weather = Clear
Pressure = 1043.6 mb
Pressure Trend = +3.3 mb
Cloud Cover = Clear 0%
Wind Direction = SE
Wind Speed = 10 knots
Precipitation = in

Temperature = 32 °F
Dew Point = 31 °F
Visibility = miles
Current Weather = Snow
Pressure = 978.9 mb
Pressure Trend = mb
Cloud Cover = 50%
Wind Direction = NW
Wind Speed = 20 knots
Precipitation = .23 in