Aim: How can we read the weather station models on a weather map?

Temperature 25°F
Visibility 1/4 mile
Present Weather Freezing Rain
Dewpoint Temp 20°F
Cloud Cover 50%
Wind Direction North
Wind Speed 5 knots (half-feather)
Barometric Pressure 1020.6 mb
Barometric Trend Dropping 1.3 mb
Precipitation 0.25 inches

10-9 rule for converting air pressure

If the first digit is between 0-4 put a 10 in front and a decimal before the last digit.
Ex. 149 → 10 14.9 mb

If the first digit is between 5-9 put a 9 in front and a decimal before the last digit.
Ex. 996 → 9 99.6 mb
Ex: 000 → 10 00.0 mb
500 → 9 50.0 mb
Temp. 39°F
Dewpt. 38°F
Air Pressure 986.5 mb
Barometric Trend -1.0
Wind NW
Wind Speed 25 knots
Cloud Cover 100%

Temp. 25°F
Dewpt. 25°F
Present Weather Snow
Pressure 997.6 mb
Wind Direction SW
Wind Speed 25 knots
Precipitation .25 inches
Cloud Cover 100%

Temp. 76°F
Dewpt. 61°F
Visibility 3 mi
Air Pressure 1019.8 mb
Wind Direction N
Wind Speed 5 knots