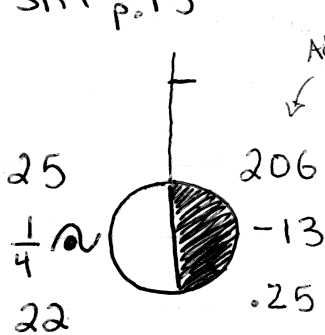


Aim: How can we read the weather station models on a weather map?

* ESRT p. 13

①



Temperature 25°F

Visibility 1/4 mile

Present Weather Freezing Rain

Dewpoint Temp 22°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

②

Temp. 39°F

DewPt. 38°F

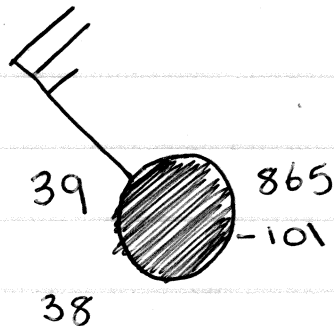
Air Pressure 986.5 mb

Barometric Trend -1.0

Wind NW

Wind Speed 25 knots

Cloud Cover 100%



③

Temp. 25°F

DewPt. 25°F

Present Weather Snow

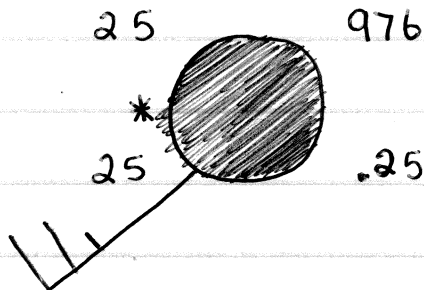
Pressure 997.6 mb

Wind Direction SW

Wind Speed 25 knots

Precipitation .25 inches

Cloud Cover 100%



④

Temp. 76°F

DewPt. 61°F

Visibility 3mi

Air Pressure 1019.8 mb

Wind Direction N

Wind Speed 5 knots

