

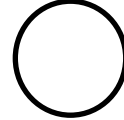
WEATHER SYMBOL ACTIVITY

NAME _____

Directions: Complete a plotted report for the stations below.

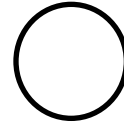
Station 1:

Barometric Pressure= 243
Change in Barometric Pressure in last 3 hours= decrease of 13
% of sky covered by clouds= Complete overcast
Type of low clouds= Fractocumulus of bad weather
Dew Point Temp= 31
Wind speed and direction= 15 knots from the west
Type of precipitation= light snow
Temperature= 30
Type of middle clouds= Thin altostratus in bands
Type of high clouds= scattered cirrus



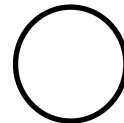
Station 2:

Barometric Pressure= 300
Change in Barometric Pressure in last 3 hours= increase of 33
% of sky covered by clouds= 1/2 covered
Type of low clouds= stratus of fair weather
Dew Point Temp= 42
Wind speed and direction= 6 knots from the northwest
Type of precipitation= none
Temperature= 49
Type of middle clouds= thin altostratus layer
Type of high clouds= dense cirrus in patches



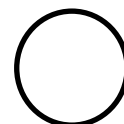
Station 3:

Barometric Pressure= 320
Change in Barometric Pressure in last 3 hours= increase of 28
% of sky covered by clouds= 1/10 or less
Type of low clouds= Cumulus of fair weather
Dew Point Temp= 59
Wind speed and direction= 19 knots from the southwest
Type of precipitation= none
Temperature= 76
Type of middle clouds= none
Type of high clouds= scattered cirrus



Station 4

Barometric Pressure= 228
Change in Barometric Pressure in last 3 hours= decrease of 27
% of sky covered by clouds= complete overcast
Type of low clouds= Fractocumulus of bad weather
Dew Point Temp=74
Wind speed and direction= 50 knots from the south
Type of precipitation= Thunderstorm
Temperature= 69
Type of middle clouds= Thick altostratus
Type of high clouds= Veil of cirrus covering entire sky



Directions: Use your plotted reports for each station to answer the questions below:

STATION 1:

- 1) What season is it?
- 2) Would you expect it to clear up soon? Why or why not?
- 3) Why is it only lightly snowing?

STATION 2:

- 1) What season is it?
- 2) Would you expect it to rain soon? Why or why not?
- 3) Why is it not raining or snowing?

STATION 3:

- 1) What season is it?
- 2) Would you expect it to rain soon? Why or why not?
- 3) Why is it sunny?

STATION 4:

- 1) What season is it?
- 2) Would you expect it to clear up soon? Why or why not?
- 3) Why is there a thunderstorm?