STATION MODELS

NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_

Base you answers to questions 1 through 3 on the station models to the right, which show various weather conditions recorded at the same time on the same day at four different cities.

1.\_\_\_\_\_\_ Which wind speed was recorded at Detroit?

 (1) 15 knots (2) 25 knots (3) 35 knots (4) 45 knots

2.\_\_\_\_\_\_ Which city had the lowest relative humidity?

 (1) Chicago (2) Detroit (3) Buffalo (4) Utica

3.\_\_\_\_\_\_ Which weather symbol below best represents the type of precipitation that was most likely occurring in Utica?

4. On the weather map symbol to the right, using the proper format, record the six weather conditions shown below.



Wind: from the northwest

Wind speed: 10 knots

Barometric pressure: 1022.0 mb

Cloud cover: 50%

Visibility: 5 mi

Precipitation (in the past 6 hours): .45 in

5.\_\_\_\_\_\_ On which station model to the right would the present weather symbol \* most likely be found?



6.\_\_\_\_\_\_ Which station model correctly represents the weather conditions in an area that is experiencing winds from the northeast at 25 knots and has had a steady drop in barometric pressure of 2.7 millibars during

the last three hours?