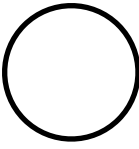
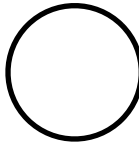
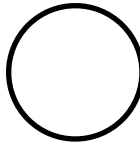
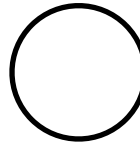
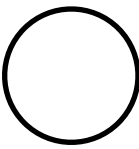
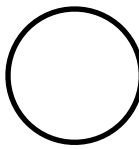
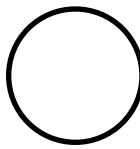
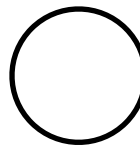


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

**Weather Fronts:** Draw in the station models for the given times and answer the questions that follow.

Time	Temp.	Dew-point	Cloud Cover	Wind Speed	Wind Direction	Present Weather	Air Pressure
12:00 PM	84°F	80°F	0%	5 knots	S		1001.4 mb
1:00 PM	87°F	83°F	0%	5 knots	S		998.7 mb
2:00 PM	89°F	88°F	0%	5 knots	SW		995.9 mb
3:00 PM	90°F	89°F	25%	10 knots	SW		990.2 mb
4:00 PM	89°F	89°F	100%	25 knots	W	Thunderstorm	983.5 mb
5:00 PM	86°F	86°F	100%	35 knots	W	Thunderstorm	985.4 mb
6:00 PM	80°F	77°F	25%	15 knots	NW		996.2 mb
7:00 PM	76°F	64°F	0%	5 knots	NW		1003.2 mb

12:00 PM	1:00 PM	2:00 PM	3:00 PM
			
4:00 PM	5:00 PM	6:00 PM	7:00 PM
			

1. Describe in words the weather conditions and how they changed during the course of this time period.

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2. What type of front was involved in creating this weather?

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3. Explain why this type of front causes this type of weather?

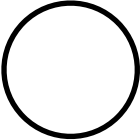
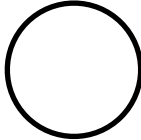
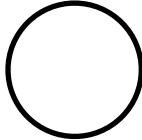
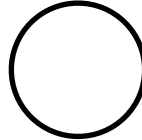
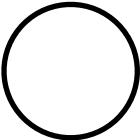
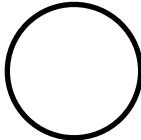
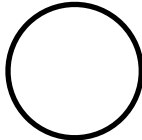
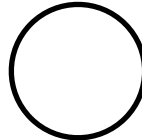
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Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Time	Temp.	Dew-point	Cloud Cover	Wind Speed	Wind Direction	Present Weather	Air Pressure
12:00 PM	84°F	83°F	75%	5 knots	S		998.6 mb
1:00 PM	87°F	87°F	100%	5 knots	S	Drizzle	997.2 mb
2:00 PM	89°F	88°F	100%	5 knots	SW	Drizzle	995.1 mb
3:00 PM	90°F	89°F	100%	10 knots	SW	Rain	993.8 mb
4:00 PM	89°F	89°F	100%	10 knots	SW	Rain	991.2 mb
5:00 PM	88°F	88°F	100%	15 knots	SW	Rain	990.2 mb
6:00 PM	87°F	87°F	75%	10 knots	S	Rain	990.2 mb
7:00 PM	86°F	83°F	25%	5 knots	S		998.2 mb

12:00 PM	1:00 PM	2:00 PM	3:00 PM
			
4:00 PM	5:00 PM	6:00 PM	7:00 PM
			

1. Describe in words the weather conditions and how they changed during the course of this time period.

\_\_\_\_\_

\_\_\_\_\_

2. What type of front was involved in creating this weather?

\_\_\_\_\_

3. Explain why this type of front causes this type of weather?

\_\_\_\_\_

\_\_\_\_\_