

NAME _____

How's the Weather Out There?

Accurate weather forecasting and reporting is important to the success of the Games!

Give several reasons why the following groups of people need to know daily weather conditions and forecasts?

The average temperature for the month of February in Salt Lake City is 2.9°C (37°F). Brrrrrrrr!



Athletes

Spectators

Olympic Volunteers or Staff

Some events are affected greatly by the weather conditions. For other events, the weather is not a very important factor.

Which Olympic or Paralympic events are more affected by weather?

Why?

Pretend you are helping people dress appropriately for the games. On a sheet of paper, draw clothing that spectators might need at an outdoor event. Next, draw how someone might be dressed at an indoor event such as ice skating. (Remember, even buildings with ice sheets are cold!)

Meteorologists (or weather forecasters) spend hours studying weather patterns, models, and information in order to predict weather. They depend on computers and their own observations of current weather to provide clues into forecasts for the near future.

You be the weather forecaster!

What are the weather conditions today? **TEMPERATURE** _____

CLOUD COVER (circle one)



SUNNY



CLOUDY



PARTLY CLOUDY



RAINY



SNOWY



THUNDERSTORM

What do you think the weather will be like tomorrow at the same time? **TEMPERATURE** _____

CLOUD COVER (circle one)



SUNNY



CLOUDY



PARTLY CLOUDY



RAINY



SNOWY



THUNDERSTORM

What do professional meteorologists (on the news, in the newspaper, on the Internet) forecast for tomorrow? **TEMPERATURE** _____

CLOUD COVER (circle one)



SUNNY



CLOUDY



PARTLY CLOUDY



RAINY



SNOWY



THUNDERSTORM

Why do you think your forecast might differ from the news? What tools do weather men or women use to help them make accurate forecasts?