



Weather Data Log

Name: _____ Date: _____

Use the Weather Data Logs to record weather data: (1) at different times throughout the day, or (2) at the same time of day on different days. Learn first-hand how the weather changes from the morning to the afternoon and from day to day. Before going outside, record your local Weather Forecast below using the internet and/or an almanac.

Local Weather Forecast

Temperature

How warm is it supposed to be today? _____ (in Fahrenheit) _____ (in Celsius)

How cold is it supposed to be today? _____ (in Fahrenheit) _____ (in Celsius)

Barometric Pressure

What is the Barometric Pressure? _____

Wind Speed & Direction

What is today's estimated Wind Speed? _____

From which direction should the wind blow? _____

Relative Humidity

What is today's estimated Relative Humidity? _____

Precipitation

What is the percentage chance of precipitation forecasted for today? _____

After you have recorded the local weather forecast, go outside to record your weather station data in the outdoor classroom: (1) at different times throughout the day, or (2) at the same time of day on different days. If possible, record data from a thermometer, barometer, hygrometer, anemometer, wind sock/wind vane, and/or rain gauge.

Outdoor Classroom Weather Station Data

Time of Day: _____ Temperature: _____ (in Fahrenheit) _____ (in Celsius)

Barometric Pressure: _____ Relative Humidity: _____

Wind Speed: _____ Wind Direction: _____

Amount of Precipitation (if any): _____ Type of Precipitation (if any): _____

Describe the sky conditions (in a few words): _____

For more information about weather, visit <http://www.weatherwizkids.com>.





Weather Data Log

Make copies of this Weather Data Log as needed.

Name: _____

After you have recorded the local weather forecast, go outside to record your weather station data in the outdoor classroom: (1) at different times throughout the day, or (2) at the same time of day on different days. If possible, record data from a thermometer, barometer, psychrometer, anemometer, wind sock/wind vane, and/or rain gauge.

Outdoor Classroom Weather Station Data

Date: _____ Time of Day: _____

Temperature: _____ (in Fahrenheit) _____ (in Celsius) Relative Humidity: _____

Barometric Pressure: _____ Wind Speed: _____ Wind Direction: _____

Amount of Precipitation (if any): _____ Type of Precipitation (if any): _____

Describe the sky conditions (in a few words): _____

Date: _____ Time of Day: _____

Temperature: _____ (in Fahrenheit) _____ (in Celsius) Relative Humidity: _____

Barometric Pressure: _____ Wind Speed: _____ Wind Direction: _____

Amount of Precipitation (if any): _____ Type of Precipitation (if any): _____

Describe the sky conditions (in a few words): _____

Date: _____ Time of Day: _____

Temperature: _____ (in Fahrenheit) _____ (in Celsius) Relative Humidity: _____

Barometric Pressure: _____ Wind Speed: _____ Wind Direction: _____

Amount of Precipitation (if any): _____ Type of Precipitation (if any): _____

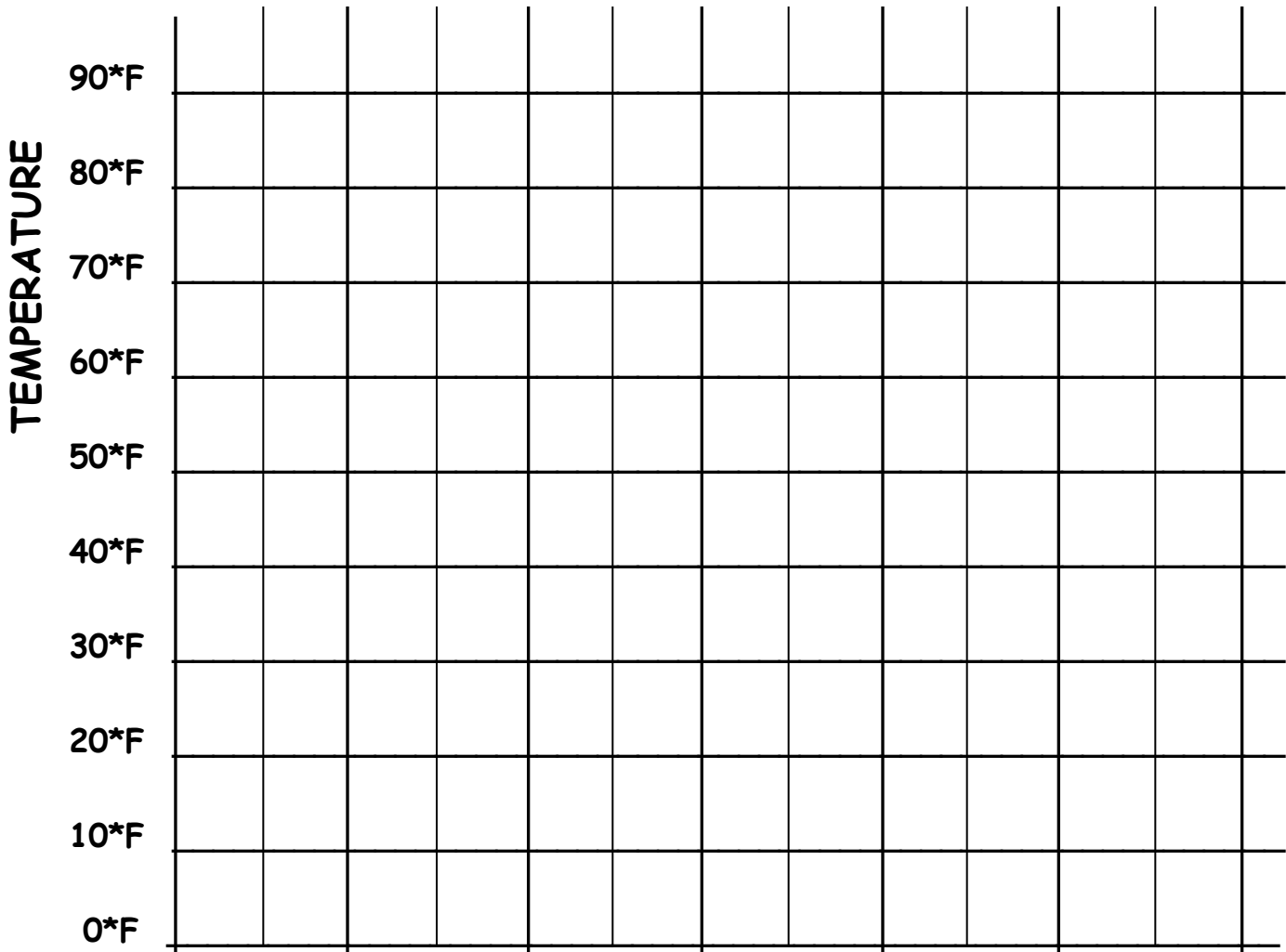
Describe the sky conditions (in a few words): _____





Temperature Graph

Log your weather data into the graph below.



Day/Time: _____

Look at the chart to answer the following questions:

1. Did the temperature increase or decrease? _____
2. How many degrees did it change? _____
3. On what date &/or time did you record the highest temperature? _____

