# Single Sampling Iteration: Temperature (Fahrenheit)



Thread → WeatherStation: run()

WeatherStation → WeatherStation: sleep(1000ms)

WeatherStation → ITempSensor: reading()

ITempSensor → KelvinTempSensorAdapter: reading()

KelvinTempSensorAdapter → KelvinTempSensor: reading()

KelvinTempSensor → KelvinTempSensorAdapter: return int (Kelvin reading)

KelvinTempSensorAdapter → ITempSensor: return int (Kelvin reading)

ITempSensor → WeatherStation: return int (Kelvin reading)

WeatherStation → WeatherStation: compute Fahrenheit

WeatherStation → WeatherStation: setChanged()

WeatherStation → WeatherStation: notifyObservers()

WeatherStation → Launcher (Observer): update()

Launcher (Observer) → Launcher (Observer): setFahrenheitJLabel(fahrenheitValue)