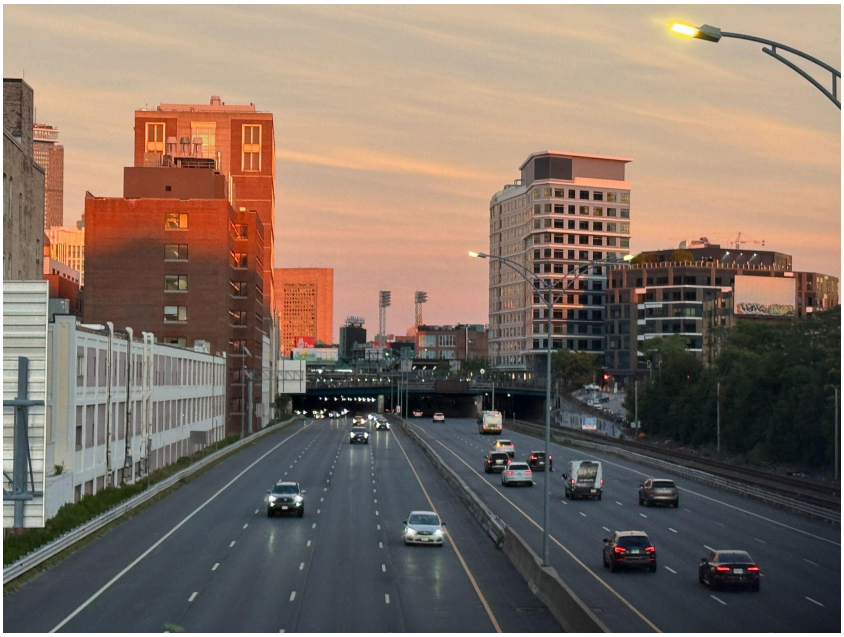
Experimental Procedure

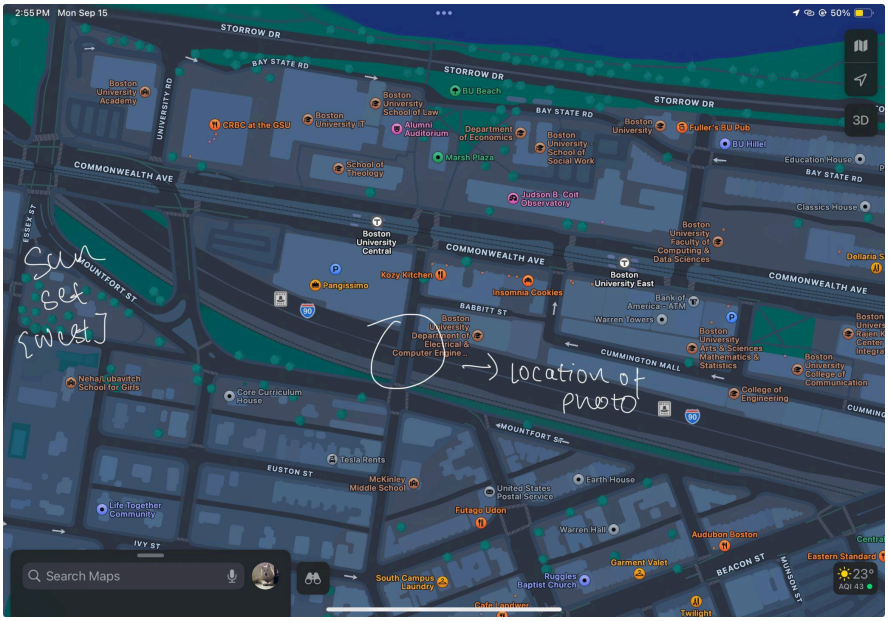
I did my initial observation at the Fenway Bridge near the Photonics building. I first chose this location because I cross the bridge every day and have seen great sunset views before. It is also close to the main campus, making it an ideal location.

Initial Data Collection (Week 2)



I took this photo at the Fenway Bridge near the Photonics Building on September 8th at 7:00pm, which was roughly six minutes before the official sunset time. After I took this photograph, I realized that the buildings obstruct the direct view of the sun and hence decided to take my final photograph from either the Charles River Esplanade or a rooftop.

Data Processing Trial Run (Week 3)

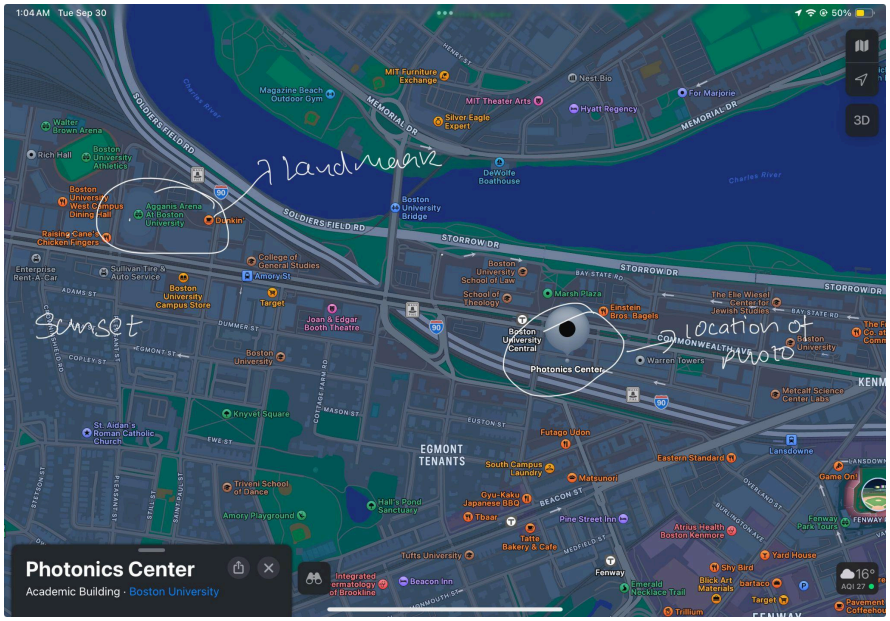


The markings on the map indicate the exact location from where I took my picture. We are unable to see the sun due to direct obstruction from buildings and a lack of height.

Final Data Collection (Week 4)

I took my final picture from the 9th-floor West Study Lounge in the Photonics building. I took this picture at 6:31 p.m., approximately 11 minutes before the official sunset time. Besides the location from where the photo was taken (West study lounge), you can also spot the Student Village, which portrays that the sun was setting due west, which is backed by the clear view of the sun.

Data Processing Final



The markings on this map show my location—the Photonics Center, where the final picture was taken. I have used the BU Student Village as a landmark to show the direction of the sunset, as the campus orientation is westbound in nature.

Results and Observations

Week 2: Obstructed view of the sunset, but the timing of the picture and the colors in the sky depict a sunset.
Week 3: The markings on the map depict the sun setting in the west but suggest changing the location of the final picture.
Week 4: Shows the sun setting in true west and is supported by the westbound nature of the BU campus.

Accuracy and Improvements

Upon reflecting on my pictures and the locations of each photograph as marked on the map, I can conclude that my results are accurate. Although my photographs cannot show the exact moment of sunset, we can still see the sun on the horizon in my final picture.
If I were to do this assignment next year, I would start by taking my initial picture from a rooftop or an unobstructed area to clearly see the western horizon, and then further improve it by taking the pictures at the official sunset time.