

First Observation

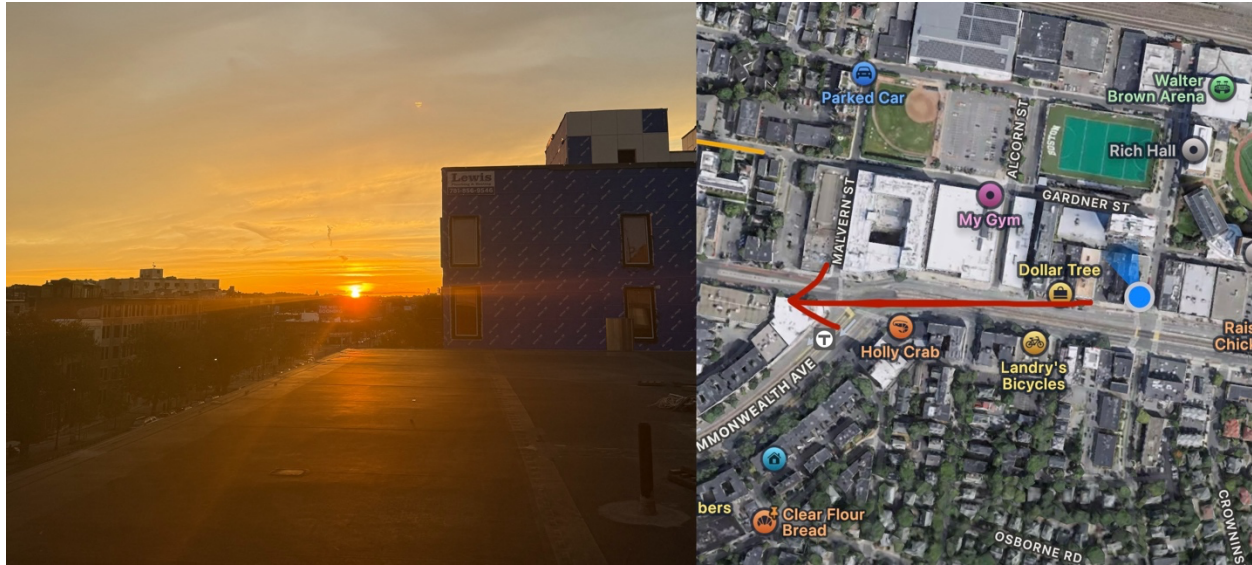
For consistency, I conducted all of my observations in the same place. This is located from my “patio” outside my room window in west campus. I chose this location because I can see Eastern and Southern really well and witness beautiful sunsets from there all the time.



For my Week 2 fieldwork, I took this picture at 6:43pm a little before the official sunset at 7:05pm. From this perspective it looks like the sun already set. This was because the Newton/Brighton area is very hilly and has taller trees, giving off the illusion of an easy sunset regardless of my higher elevation. Using the Apple maps app, I marked up the direction of the sunset in this picture using surrounding buildings as landmarks. I got the marking of the sunset a little higher it really is, as the markings on the next page are most accurate.



Second Observation



This picture was taken at 6:38pm on September 21st. This time I marked up the direction of due West on my map first before lining my camera up so I could be confident in my data collection. I was able to catch a clear view of the sun setting in that exact direction based on my landmark building at the split of Packards Corner. I supplemented this collection of data the next day on September 22nd when I took the picture below to get an even more accurate sunset in due west.



Both observations help with identifying the direction of the sunset during the Autumnal Equinox. You can notice the shift northwards from the first picture to the last ones. Now the sun will start setting more and more towards the south. If I were to repeat this experiment again next year, I could try to find a more flat horizon to get a more unobstructed view of the sunset.