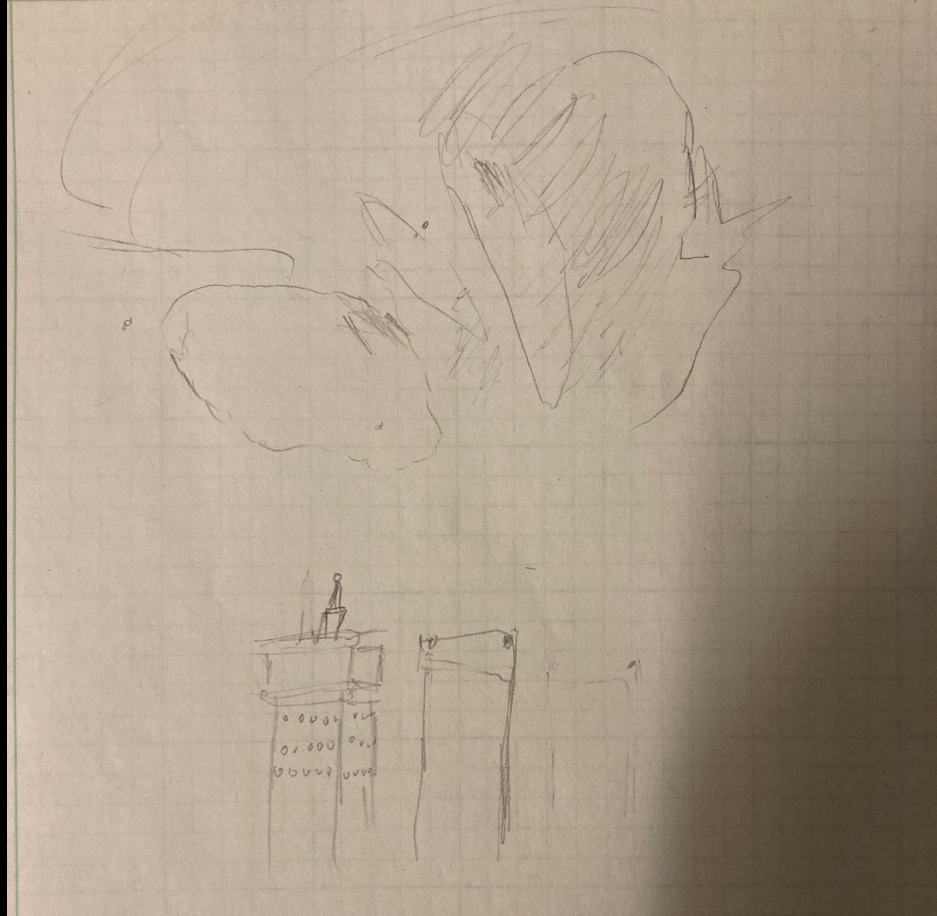


PORTFOLIO
Tristan Shin, Spring 2023, M4

2/13/23

Clouds + Stars(?) + Moon(?) + Prudential



Prudential Center (Building 37 Roof, 13 Feb 2023, ~20:30)
cloudy/windy conditions



Big Dipper, processed in Photoshop (Wallace Observatory, 20 Mar 2023, 21:15)
Canon EOS REBEL T5i, 30 s, f/10, ISO 1600, 18 mm, clear conditions



Orion, Taurus, and the Pleiades, processed in Photoshop (Wallace Observatory, 20 Mar 2023, 21:50)
Canon EOS REBEL T5i, 30 s, f/10, ISO 3200, 18 mm, clear conditions



Harvard Bridge and Downtown Boston, processed in Photoshop (Memorial Drive, 24 Apr 2023, 20:24)
Canon EOS REBEL T5i, 6 s, f/9, ISO 100, 28 mm, cloudy/windy conditions



Moon (Building 37 Roof, 1 May 2023, 20:31)
Canon EOS REBEL T5i, 1/2000 s, ISO 100, clear conditions



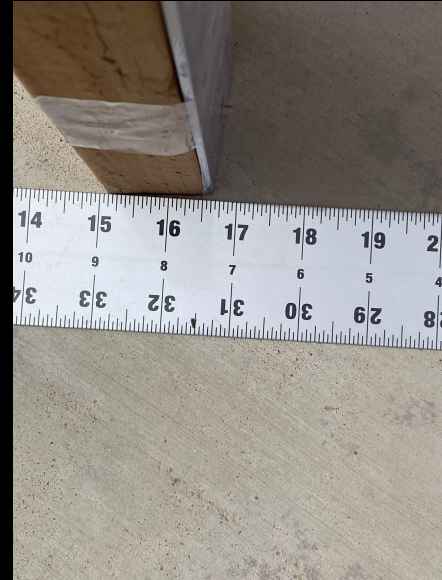
Moon, processed in Photoshop (Building 37 Roof, 1 May 2023, 21:25)
Canon EOS REBEL T5i, 1/100 s, ISO 100, clear conditions

Measurements

Location = 36.081082 N, -115.257719 W

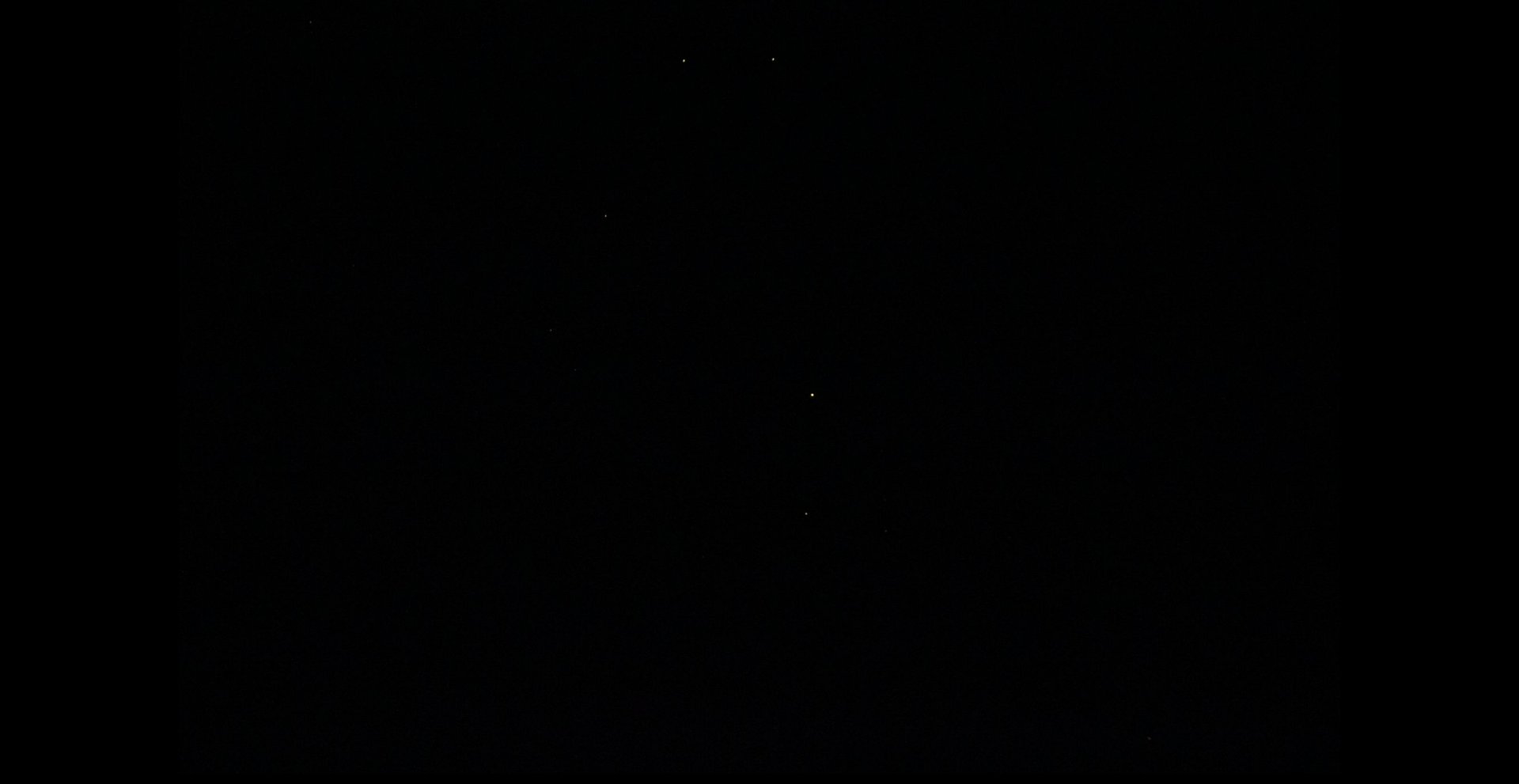
Length of stick = 48"

Length of shadow = 31.375" \pm 0.125"





Venus, processed in Photoshop (Wallace Observatory, 8 May 2023, 20:53)
Canon EOS REBEL T5i, 1/50 s, ISO 800, clear conditions



Mars with Castor and Pollux (Wallace Observatory, 8 May 2023, 21:05)
Canon EOS REBEL T5i, 1/3 s, ISO 3200, clear conditions



Moon in daylight (Westgate Parking Lot, 14 May 2023, 08:41)
iPhone SE 2nd gen, 1/2088 s, f/1.8, ISO 20, 141 mm, clear/windy conditions



NGC 4490, monochrome, processed in Photoshop (Wallace Observatory, May 2023)



NGC 4490, color, processed in Photoshop (Wallace Observatory, May 2023)



Flashlight art, also a good description for how my semester is ending (Building 5, 13 Mar 2023, 20:46)
Canon EOS REBEL T5i, 20 s, f/14, ISO 1600, 40 mm, indoors

Acknowledgements

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No thanks goes to the weather this semester, though it did pull together for one last Wallace trip at the end.

Thanks to my parents for taking data for the Earth measurement.

And special thanks to Sophia, my lab partner, for working together on many of these photos in several great lab sections! (And actually being able to focus the camera when I couldn't 🙄)