

April

At night observed. although heavy clouds floated about up till midnight yet I managed to get some stars and the transit of the moon. Then I came very first and in fact only occultation (during night) that is visible here during the present lunation. - As the moon was full or very nearly so, difficulty was added in seeing small stars. The star to be occulted was δ Virginis 6^m mag. Just 20 minutes before immersion I hunted for it and kept on doing so up to the time of immersion, but the glare of the moon was too great, about a minute before contact a light cloud passed over the moon and almost thickened to occultation. -

Night rather cold

47° F. in observatory

At immersion, I made another effort altho' I anticipated it would be futile; a minute before egress I watched at the proper point of the moon's limb, but - altho' the sky was now beautifully clear - my telescope failed to reveal the desired object. I again watched for 20 minutes thereafter, although even at that distance from the moon the star was still invisible. It was a great disappointment to me.

Jupiter had now risen above the hills and appeared beautiful. The three visible satellites appeared as pearls by his side. - I was sorry that there were no phenomena to observe tonight of the satellites.

Wednesday 25

cloudy
cool

Busy studying computing. Unfortunately the whole night was cloudy and no observations possible. I regretted not being able to observe the four phenomena of Satellite III.

Thursday 26

cloudy
after. rain

Busy studying & computing. - In the afternoon I attended a meeting of the citizens (Mr. McArthur happening to see me, invited me to attend) for the purpose of passing some resolutions of condolence on the death of the Honorable Thomas White.

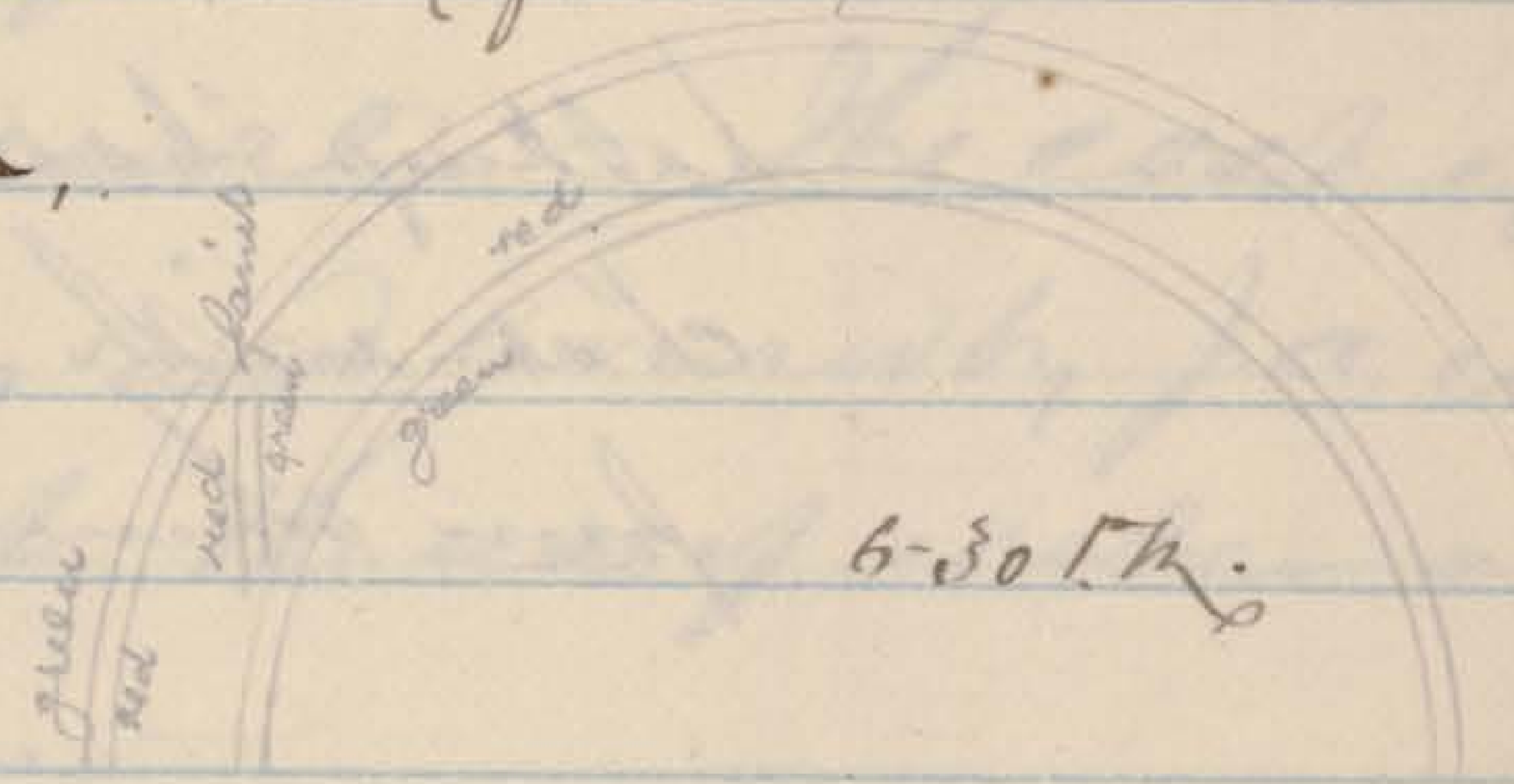
After luncheon Dr. Dyer came to my room and stated that he had been requested to prepare a resolution for the above purpose, he had done so, but was not satisfied therewith.

so he requested my assistance. — Within five minutes I had one written, handed it to him. That read smoothly, he said and thanked me. — And this resolution was presented by him to the meeting today and adopted, to be sent by telegraph to the member J. A. Mason to be presented by him to the Cabinet and also to Mr. White. —

— Indian Aquette May who was at the meeting had considerable (of little consequence) to say; he read over the resolution carefully — in fact several times — spoke about grammar, lexicology, impressiveness — and expressiveness (Scholastic style) and finally came to the conclusion that it was about as good as he could make it.

— I sat behind him and felt like sitting on him but such would have been extremely out of place.

— The clouds they prevented observation tonight. It was a pretty sight late in the afternoon when raining to see the neighboring hills or mountain tops having a white cap sifted on to them. Shortly before sunset a beautiful rainbow stood against the dark blue eastern horizon. It was a double one, and had a peculiarity which I never before noticed — a very faint streak between the two as shown in the diagram, and leaning at little to the left of the perpendicular.



Saturday 27
fine

The morning greeted me with the most transparent sky and a beautiful invigorating air. To me the former characteristic was especially welcome as I believed ^{to have} a similar sky for the night to follow. —

Bury myself studying etc. — As the day advanced clouds sprang up & increased. I got several trains of stars but just as the moon was within 20 seconds the first threw a heavy black cloud completely obscured it, in fact one could not tell there was a moon in the heavens at all.

My choice of such luck may be imagined. — Jupiter's satellites