

be seen, or laid hold of. He rode with the Piece of Lath in him from *Kick's End*, where the thing was done, to *Barnet*, which is above a Mile, to the House of Mr. *Justinian Morfe*, a Surgeon there, who extracted it with Difficulty; it sticking so hard, that others had been baffled in attempting to extract it. *Roberts* continued dangerously ill a long time; but at last, by the Blessing of God, and the Care of Mr. *Morfe*, recover'd intirely, and has the Sight of the Eye, and the Use of the Muscles. But some time after he seem'd well, he told me, that, upon leaning down forward, he felt great Pains in his Head. The Piece is suppos'd to have pass'd behind the right Eye. I am,

S I R,

Lincoln-Inn, Nov. 10.  
1748.

Your humble Servant,

Richard Haffel.

VII. *The Sun's Eclipse of July 14, 1748. observed at Marlborough House, with the twelve Foot refracting Telescope, fix'd as a Finder to the Tube of the great twelve Foot Reflector; by John Bevis M. D.*

Read Nov.

10. 1748. Apparent Time.  
d h m "

July 13. 9. 3. 50 The Beginning, which perhaps might be 2'' or 3'' sooner.

39.

Apparent Time.

d h ' "

July 13. 9. 39. 42. The first little Spot in the Western Cluster, quite covered.

52. 00. The biggest of that Cluster quite cover'd, yet somewhat doubtful for flying Clouds.

10. 12. 08. The middle one of three considerable Spots towards the Eastern Limb half cover'd.

The End could not be precisely observed for flying Clouds; at 12. 09. 15. it was not quite over; but at 12. 09. 35. the Sun was clear, and nothing of the Eclipse left.

N. B. *The Wind was so boisterous, that no Phases could be measured with a Micrometer.*

*The Moon's Eclipse of July 28. 1748. observ'd at the same Place.*

d h ' "

July 28. 10. 13. 28. The *Penumbra* discernible.

06. 30. The Beginning, as most of the Company judged.

18. 38. *Mare Humorum* just touch'd.

26. 24. Began to touch *Tycho*.

27. 51. *Tycho* bisected.

24. 09. *Tycho* cover'd.

29. 53. Touch'd *Grimaldi*.

30. 25. *Mare Humorum* cover'd.

34. 14. *Grimaldi* cover'd.

July

July 28. 12. 24. 30. The End.  
27. 40. The *Penumbra* quite gone.

About the Middle of the Eclipse, the Moon's Diameter, perpendicular to the Equator, measur'd in a 5 Foot Telescope was  $33' 50''$ ; perhaps  $15''$  or  $20''$  greater than it would have been found to be with a 12 Foot Tube.

J. Bevis.

I lately received the following Letter from a Person unknown to me.

S I R, *Luffwick near Thrapston Northamptonshire.*

I HAD the Pleasure to observe the Sun's Eclipse July last, which was as follows. The Beginning  $9^h. 1'. 0''$ . *a. m.* The End  $o. 5. 25. p. m.$  at  $10^h. 32''$ .  $10'. a. m.$   $10^o. 18'$ . were dark, which I take to be the greatest with us. These are apparent Times, from a well adjusted Clock (by a Meridian drawn June 10, on a Plate of Metal), and corrected to the Time of Observation.

Our Latitude is  $52^o. 27'. 30''$ . I hope by this, and future Observations, I shall be able to determine our Situation with respect to yours. I am,

S I R, &c.

Oct. 21. 1748.

Mark Day.