

Observations, made by several Astronomers, domestic and forrain, of the late Eclipse of the Moon, on Septemb. 8. 1671; here delivered in the Languages, in which they were Communicated.

I. **T**Hat of Mr. Street was this, in London.

		Time by Altitudes corr. by parall, and refact.	
		o	h.
The Emerſion: Altit. of the upper edge of the ☾	10 30	7	21
The End of the Eclipse; Alt. of <i>Arcturus</i> —	16 20	8	16

By my Tables (ſaith he) of *Aſtronomia Carolina*;

		T. app.	
		h.	
The Beginning at _____	4 50	8	
Immerſion _____	5 47	4	4
Middle _____	6 34	55	
Emerſion _____	7 22	6	
End _____	8 19	42	

2. Ann. 1671, d. 8. Sept. circa horam sextam vespert. Luna aſcendebat totaliter obſcurata ſub Elevat. Poli 50°. 15'. Edoniæ in Comitatu Northamptoniano Angliæ. *

* Obſervante Doctiſſimo Dn Paimo, teſte Dn. De B. Hieres, Gallo, præſente cum Obſervatio hæc perageretur.

Capit emergere ex Umbra, centro Lunæ alto 9°. 35', ſive hor. 7. 18'.

Finis, *Arcturo* alto 16°, 30', ſive ho. 8. 16'. 20': Unde computatur Medium Eclipse fu-

iſſe hor. 6. 28'. 16'.

3. The Learn'd *Bullialdus* communicated from *Paris*, about this Eclipse, the following Observations; which, by his favour, we ſubjoyn thus;

Ex Epilogiſmo Calculi Eclipse Lunæ, quæ facta eſt d. 18 Septembris ſt. nov, ex Tab. Philolaicis;

Datur.

Datur Uraniburgi T. A.			Parisiis.			Latit. Lune vera.	
	h.	"		h.	"		"
Initium	5	50	29	Init.	5	10	29
Total. obsc.	6	50	29	Tot. obsc.	6	10	29
Max. obsc.	7	40	18	Max. obsc.	7	0	18
Vera δ	7	41	22	Vera δ	7	1	22
Emerfio	8	30	7	Emerfio	7	50	7
Finis	9	30	7	Finis	8	50	7

Observatus est Parisiis			g.		
Finis, alto Arcturo ad Occasum	-----	-----	13	41	"
Ablata refractione, alto	-----	-----	13	37	45
Hinc datur finis observatus	-----	-----	8	29	16
Finis Penumbrae alto Arcturo	-----	-----	13	0	
Correct.	-----	-----	12	56	
Unde datur	-----	-----	8	33	40
Caelum ergo anticipavit Tabularum calculum	-----	-----	20	51	
Heckerus in Ephemeridibus ponit finem ex Rudolphinis,	h.				
Uraniburgi T. A.	-----	-----	9	37	7
Fuisset Parisiis	-----	-----	8	57	7
Caelum ergo anticipavit Calc. Rudolph.	-----	-----	0	0	27
Observata est Maotis tota extra Umbram	-----	-----	8	24	16
Alto Arcturo	-----	-----	14	26	0
Correct.	-----	-----	14	23	55

Exivit Luna ex umbra e regione Petre Sogdiane Hevelii.

Ex Epilogismo juxta Tab. Britannicas Clarissimi Viri Vincent. Wingi,

Datur Londini T. A.			Parisiis fuisset.			
	h.	"		h.	"	
Initium	4	56	49	5	4	49
Total. obsc.	5	56	32	6	4	32
Max. obsc.	6	46	0	6	54	0
Vera δ	6	46	58	6	54	58
Emerfio	7	35	28	7	43	28
Finis	8	35	11	8	43	11

Tabulae Britannicae anticipant Caelum 13 55.

Luna Oriens tota sub Umbra fuit, nec nubibus obstantibus videri potuit. Intra nubes subinde visa est tota sub umbra, antequam ex hac emergeret.

So far Monsieur Bullialdus. Hoping, there will shortly come to hand the Observations, touching the same Eclipse, of some other Astronomers both English, and Forrainers, and these of Paris, Uraniburg, Dantzick, &c. we shall not fail, God permitting, to publish them hereafter.