

14 Poles, or  $69\frac{1}{2}$  *English* miles and 14 Poles; 8 Furlongs to a mile, and 40 Poles to a Furlong. Which being compared to that measure of a Degree, which is deliver'd in the above-mention'd *French* Discourse, will be found to come very near it, they finding 73 miles *ferè*, at 5000 feet to an *English* mile, which make 365000 feet; whereas the  $69\frac{1}{2}$  *English* miles and 14 Poles, found by Mr. *Norwood*, amount to 367200 feet, reckoning 5280 feet to an *English* mile, as the true measure of it is; whence the difference between these two measures appears to be no more than 2200 feet, which is not half an *English* mile by 440 feet.

If any one desire to know further the whole *Circumference*, as also the *Diameter* and *Semidiameter* of the said *Terraqueous* Globe, according to this measure, he will easily find,

The Circumference to be 25056 *ferè*.  
 The Diameter, 7966  
 The Semidiameter, 3983

*Observations made of the late Solar Eclipse on the first of June, 1676. ft. v.*

One, by *Francis Smethwick* Esquire, as followeth:

**I** *Nitium defectiois Westmonasterii* h. 7. 50'. } *post med. noctem*  
*Finis,* h 9. 54 $\frac{3}{4}$ . } *Junii 1. 1676.*

*Totius Eclipsis duratio, horæ 2. 4 $\frac{3}{4}$ .*

*Tempus observatum fuit cum horologio oscillatorio, vibrante minuta secunda, & correcto per observationes. Tubus adhibitus fuit bonæ notæ, pedum 7 $\frac{1}{2}$ .*

The other, by Mr. *Golson* at *Wapping*, near *London*, as followeth;

<i>Temp. juxta horol. oscill.</i>		<i>Phases.</i>	<i>Solis alt.</i>	<i>Tempus correct.</i>	
<i>h.</i>	<i>"</i>			<i>h.</i>	<i>"</i>
7.34.	50		22.46	7.36.	0
7.37.	14		33.10	7.38.	40
7.39.	10	dig.	33.30	7.40.	48
7.50.	40	$\frac{1}{4}$	—	7.51.	51
dab. 8. 8.	34	$\frac{1}{4}$	—	8. 9.	45
8. 17.	25	$\frac{2}{10}$	—	8. 18.	36
8. 27.	10	$\frac{3}{10}$	—	8. 28.	21
9. 39.	—	$\frac{1}{2}$	—	9. 40.	—
9. 43.	—	$\frac{1}{4}$	—	9. 44.	—
9. 48.	—	$\frac{1}{4}$	—	9. 49.	—
9. 54.	25	<i>non finita</i>	—	9. 55.	36
9. 55.	55	<i>finita.</i>	—	9. 57.	6
4. 26.	5	<i>Solis alt.</i>	32.10	4. 26.	56
4. 28.	58		31.53	4. 29.	52
4. 31.	21		31.31	4. 32.	16

*Tubo optico æstim.*  
*Tubo optico mensur.*  
*Tubo æstim.*

AN

