

XI. *An Observation of the Eclipse of the Sun on Jan. 8. 1750. N. S. taken at the Observatory at Berlin, by M. Grifchow jun. and M. Kies. Translated from the French.*

Read Feb. 15.  
1749-50.

	h	'	"		
T	HE Beginning was at	8	59	19 $\frac{1}{2}$	true Time.
	The End of the Eclipse at	11	20	5 $\frac{1}{4}$	

The whole Duration 2 20 46

The Observations were made with the greatest Exactness, the Weather being as favourable as could be wished, the whole Time.

M. *Euler* observed in his own House, which stands a little to the West of the S. W. of the Observatory, at the Distance of 190 *Rhinland* Yards (*Verges*) in a strait Line, that

	h	'	"	
The Beginning was at	8	58	30	true Time.
And the End at -	11	19	50	

The whole Duration 2 21 0

That is, 34" more than at the Observatory.

The Diameter of the Umbra was 6 $\frac{1}{2}$  *Rhinland* Inches.

XII.