

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

Read Feb. 15.

1749-50.

	h   '   "
THE Beginning was at	8 59 19½ true Time.
The End of the Eclipse at	11 20 5¼

The whole Duration	2 20 46
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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
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That is, 34" more than at the Observatory.

The Diameter of the Umbra was 6½ *Rhinland* Inches.

XII.