

Mc Gill Plans to Photograph the Flash Spectrum and the Corona at the Total Solar Eclipse August 31st. 1932.

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(2). General Description of Eclipse Phenomena. On August 31st, in the middle of the afternoon, the moon will pass between us and the sun and shut off the sunlight. Under favourable weather conditions, this will be an opportunity to study the atmosphere of the sun. For this purpose, several parties are coming from Observatories in England and in the United States and from the Department of Astronomy, University of Toronto,

Standing in the centre of the eclipse region, and facing the sun, one may expect to see the moon enter the sun's disc at the right hand side, below centre. From this point it will cross the sun with no very interesting change except the introduction of a purplish colour as totality is approached. For a moment the main body of the sun may be seen only through the vales between the