

Australian Observations of the August/September 1859 Solar Events

J.E. HUMBLE

School of Mathematics and Physics, University of Tasmania

The major solar disturbances of August/September 1859 are commonly known as the Carrington event, following the observation on 01 September 1859 of a white light flare on the solar disc by two independent observers in London [1,2]. Australian newspapers of the day carried useful information about the events. Bright auroras were seen at least as far north as Brisbane. Telegraph services were disrupted in more southern regions and the magnetometer at Melbourne was greatly disturbed. No information has yet been uncovered from more northern areas of the country.

Keywords: Solar disturbance; Aurora; magnetic observations;

References

- [1] R. C. Carrington, *Mon. Not. R. Astron. Soc.* **20**, 13, (1860).
- [2] R. Hodgson, *Mon. Not. R. Astron. Soc.* **20**, 15, 1860