

史料に見える中世極大期

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The medieval maximum recorded in historical documents

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Records of observations of sunspots and auroras in pre-telescopic historical documents can provide important information about solar activities in the past era. This is also the case for extreme space weather events, as they may have been recorded as naked-eye sunspots or low-latitude auroras. In this presentation, we are to show the results of a comprehensive survey of records of sunspots and auroras in the Songshi, a Chinese formal chronicle spanning 960 to 1279, to examine the traces of the medieval maximum (1100-1250) that is known from the research of comparisons of radioactive isotopes. A brief comparison of the frequency of solar activity during corresponding periods is to be carried out to show how this kind of historical approach is valid for research of the past solar activity.