



## **On the Existence of the 11-year Cycle in Solar and Auroral Activity during the Maunder Minimum**

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This Paper deals with auroral data from Europe (53-48°N) during the years 1645-1715. The reality of these observations has been discussed in detail. From the data it can be demonstrated that the 11-year-cycle in solar and auroral activity exists during the time span 1645-1715. Table 2 gives a compilation of auroras per year. The Table shows that in almost every years during the Maunder minimum auroras have been observed in Middle Europe. Because they are indicators of solar-geomagnetic activity it follows that no unusual variability is indicated.