

**SHADOW BANDS AND RELATED  
ATMOSPHERIC CONDITIONS REGISTERED  
DURING TOTAL SOLAR ECLIPSES**

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This study is dedicated to the atmospheric phenomena accompanying total solar eclipses. Observations of shadow bands are shown. We look for connection between their distribution and the variations of the temperature, speed and directions of the wind before, during and after the totality of two total solar eclipses. A new experiment for registering the shadow bands realized during the last total solar eclipse (2019 July 2) is presented.