

FIRST RESULTS FROM THE CORONAGRAPH OBSERVATIONS AT THE NAO ROZHEN

Nicola Petrov, Peter Duchlev

Institute of Astronomy, Bulgarian Academy of Sciences

A new Lyot coronagraph for prominence observations was assembled in June 2005 in Solar tower at the National Astronomical Observatory – Rozhen, Bulgaria. A short description and parameters of the instrument, as well as other solar facilities are presented. The preliminary results from quiescent and active prominences are presented and discussed. The observing program related to science objectives of the Solar section of the Institute of astronomy, Bulgarian Academy of Sciences is considered.