

II. Working Group on Chromospheric Structures

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This Committee was organized in order to carry out a specific programme on the lifetimes of large-scale chromospheric structures. As a result of this international project, observations have been received in Sydney from ten co-operating observatories.

The features of interest to the Committee were expected to be visible on photographs with a resolution of about 5" of arc, and at this resolution to give the appearance of chain of dark points, sometimes referred to as the 'chromospheric network'. The co-operating observatories were asked to secure spectroheliograms with the filter tuned 0.5 Å to the red side of H α at 3-hour intervals, or preferably more frequently over the period 1962 May 7–20. The observations received have been collated and an attempt is being made to determine the lifetimes of the structures of interest to the Committee, using a moiré pattern correlation technique.