

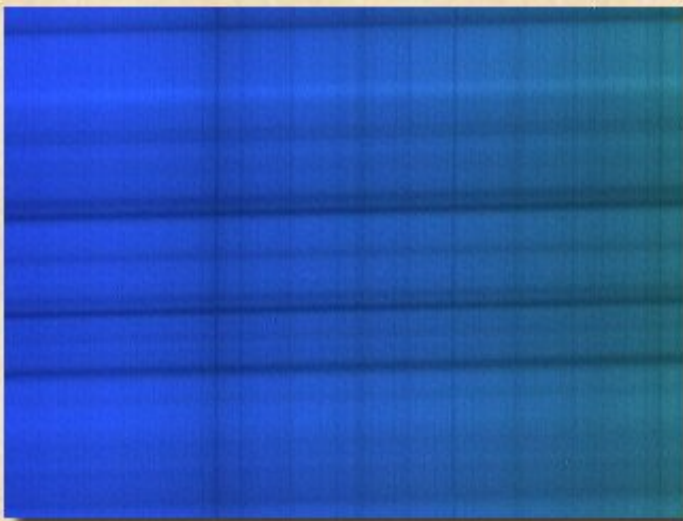
GRATING SPECTROGRAPH

SOLAR SPECTRA

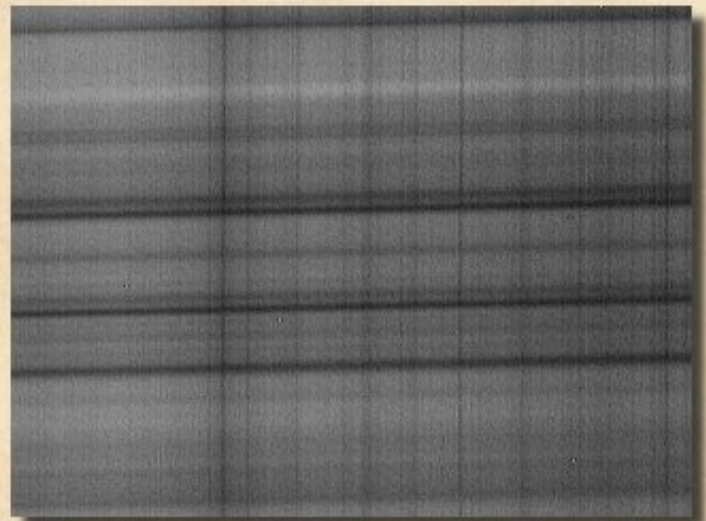
Solar spectra captured with an SC1 modified QCPro3000 camera. The image covers the 4800-5050Å region and is a composite of 10 x .5 sec exposures; dark subtracted, gamma corrected and slight sharpening performed with Paintshop Pro. Grayscale conversion and a medium strength unsharp masking applied.

Entrance slit: .0012"(30 microns) width
Camera lens: 112mm focal length 17mm diameter
Collimator: 135mm focal length 35mm diameter

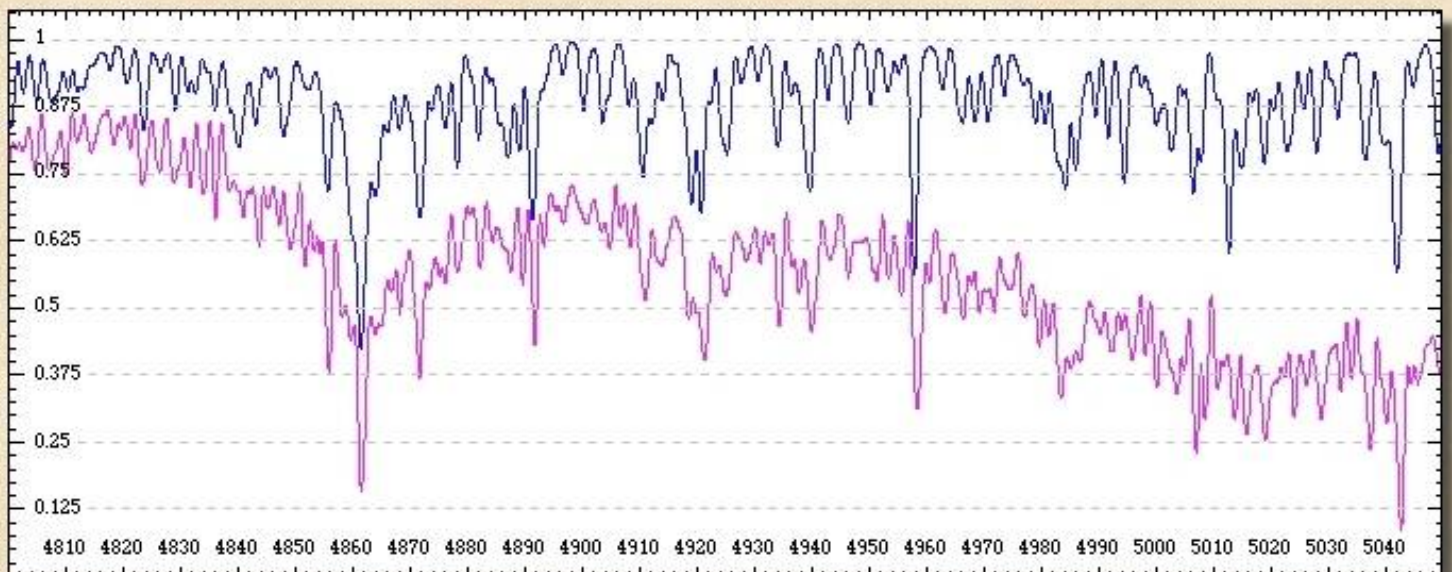
Sept 28 - Oct 04, 2003



Hydrogen Beta 4800Å to 5050Å



Unsharp Mask 4800Å to 5050Å



4800Å to 5050Å Top trace generated by R.O.Gray's SPECTRUM program. Gaussian smoothed to a resolution of 1.1Å

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