

MDPH480/PHYS480/ASTR480/MAPH480 Research Projects 2009

Project Title: Atmospheric Airglow Emissions

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Abstract of the Proposed Research

Records from the All-Sky multi-wavelength Imager located at Mount John Observatory show atmospheric emissions from excited states of oxygen, sodium and hydroxyl (OH).

The project is to analyse the digital time sequences images to map the distribution of the emissions and the dynamics of the excited species in the atmosphere..