

NOTE ON MERCURY LIGHT POLLUTION IN SPECTROSCOPIC OBSERVATIONS

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ABSTRACT Mercury light pollution has appeared in our spectroscopic observations of the Comet 1980u made at the Observatoire de Haute Provence and spectroscopic observations of the Nova Andromeda 1986 made at the Purple Mountain Observatory. On spectra of an exposure of about one hour of the comet obtained at the 1.93m telescope of the OHP using the image tube spectrograph D (dispersion of 92 Å/mm), the lines 4358, 4047 of HgI are very strong. In the case of the nova, these lines are quite noticeable on spectra of exposure of 3 hours obtained at the 0.6m telescope of the PMO with the Marly-Nanjing spectrograph (dispersion 40 Å/mm).