## **Reconstructions of the Solar Wind Over Two Separate Solar Minima**

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We present results of three-dimensional (3-D) reconstructions of the inner heliosphere at two different solar minima. We investigate the gross structure in both density and velocity reconstructions for the present, seemingly-elongated, Solar Cycle 23-24 minimum, and compare these with that of the previous Solar Cycle 22-23 minimum (which may have occurred during a time of grand maxima). Where possible, since we are able to evaluate density and velocity values at any place within the 3-D reconstructed volume, we will compare our density and velocity results with spacecraft in-situ measurements based both near the Earth and elsewhere in the inner heliosphere. We will concentrate primarily on reconstructed interplanetary scintillation (IPS) data (since these are available from both solar minima), but we will also incorporate Solar Mass Ejection Imager (SMEI) Thomson-scattered brightness data where possible for the present solar minimum.