

# Corrections to GRL Paper 2005GL022653

E.C. Sittler and D.G. Simpson

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**Line 197:** Add two sentences at line 197. Line 197 should be replaced with:

electron number density (i.e.,  $N_H + N_W = N_e$ ). Alignment is such that we only measure  $T_\perp$  and by assuming isotropy overestimate  $N_H, N_W$  by  $\sqrt{T_\perp/T_\parallel}$ . Therefore, we assume  $T_\perp/T_\parallel \sim 2$  for  $H^+$  and  $T_\perp/T_\parallel \sim 5$  for  $W^+$  based on *Richardson and Sittler* [1990]. In the outer

**Lines 231-235:** Remove two sentences. These lines should now read:

just outside Mimas' L shell. The rise in temperature toward 2400 SCET occurs due to the

**Figure 2:** Replace with file 2005gl022653-p02\_orig.tif

**Figure 3:** Replace with file 2005gl022653-p03\_orig.tif