AGU FALL MEETING
San Francisco | 14 – 18 December 2015

SH41A-2369: Voyager 2 observations of plasma in the heliosheath.

ABSTRACT

Thursday, 17 December 2015
08:00 - 12:20
Moscone South - Poster Hall

Voyager 2 has observed the plasma in the heliosheath since 2007 from 84 to 109 AU. No signs of the stagnation region observed by Voyager 1 have been observed. Instead, the plasma speed have remained relatively constant and the flow has turned tailward. Latest results from 2015 show that the flow is about 80 degrees from radial, with most of the flow in the T direction (using RTN coordinates). Temperature and density averages have remained constant since increases observed in 2011. The plasma parameters are highly variable; we show the distributions of the variabillty with time. We also show compare variations in the magnetic field and plasma on short (few hour) time scales through 2012.

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Session: Comparison of Observations from Voyager and IBEX

Section/Focus Group: SPA-Solar and Heliospheric Physics

Day: Thursday, 17 December 2015