

THE INFLUENCE OF AN INTERHEMISPHERIC PLASMA FLOW ON THE
NEUTRAL ATMOSPHERE BEHAVIOR: ION-DRAG EFFECTS

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During solstices a plasma pressure difference exists between geomagnetic conjugated points located in the topside ionosphere. This difference is responsible for an interhemispheric plasma flow. Here we investigate the possibility of this interhemispheric plasma flow to drag along neutral particles and to influence the neutral winds.