InSight Pressure Data Recalibration, and its Application to the study of Long-Term Pressure Changes on Mars

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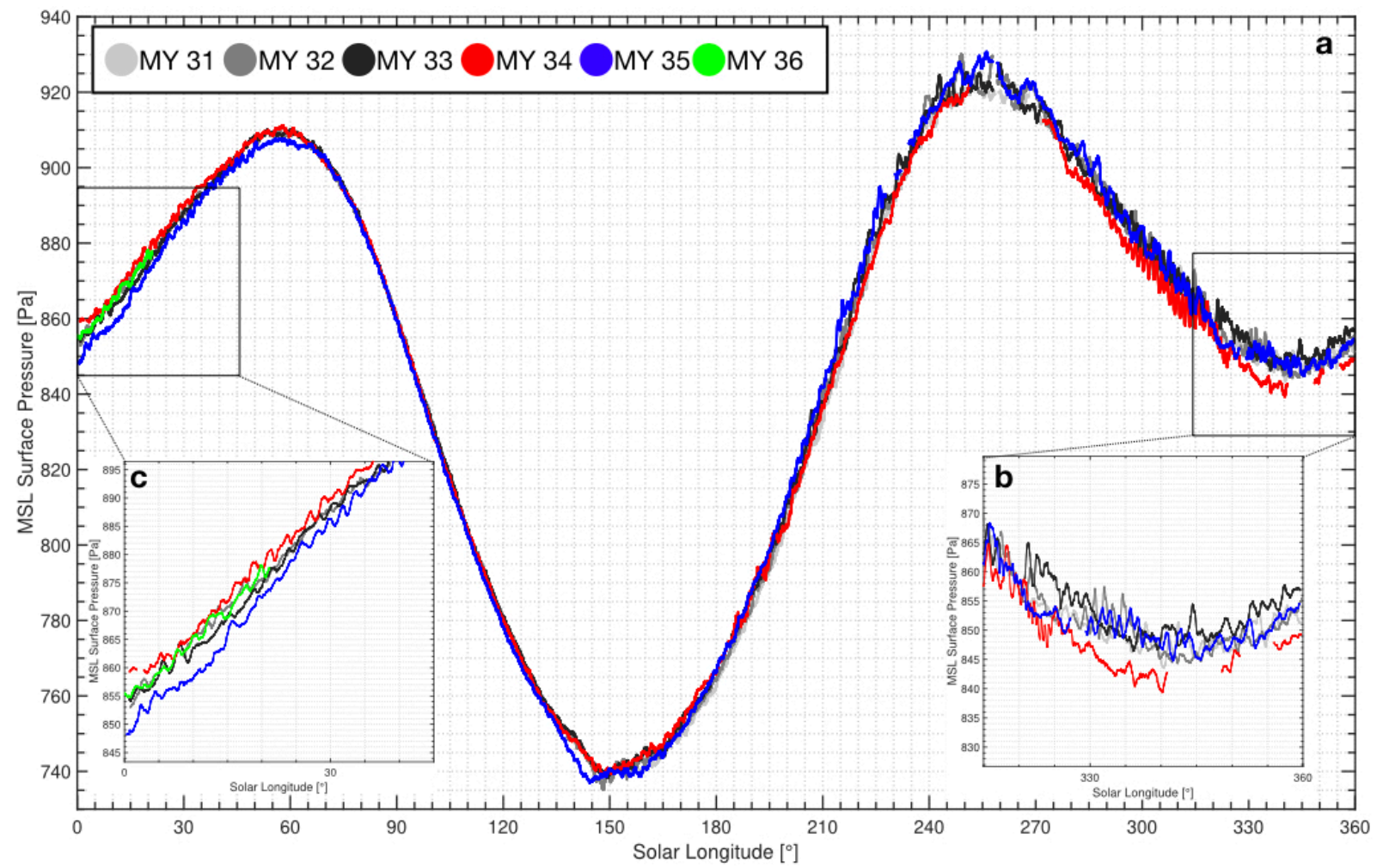[7]Aeolis Research, Unit 5, Chandler, AZ, USA
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Introduction

This document presents a figure illustrating the seasonal variations of MSL pressure measurements for the six martian years of the mission, after being interpolated to the Curiosity landing site.

Figure S1. a: Diurnal averaged surface pressure recorded by MSL during the 6 martian years of the mission (light grey for MY 31, dark grey for MY 32, black for MY 33, red for MY 34, blue for MY 35, green for MY 36), after being interpolated to the MSL landing site to remove the influence of the rover's displacements.The interpolation method used is the one presented in section 2.2. b: Zoom on the pressure variations during the Northern Winter, between $315° < Ls < 360°$. c: Zoom on the pressure variations during the Northern Spring, between $0° < Ls < 45°$.