Supporting Information for

Gardening of the Martian Regolith by Diurnal CO_2 Frost and the Formation of Slope Streaks

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Contents of this file
    Figures S1

Introduction

This document presents a figure illustrating the distribution of THEMIS images indicative of the presence of CO_2 ice (i.e., within 5K of the local CO_2 frost point) and documents the frost identification confidence level (Class 1-5) following a classification described in section 2.2.
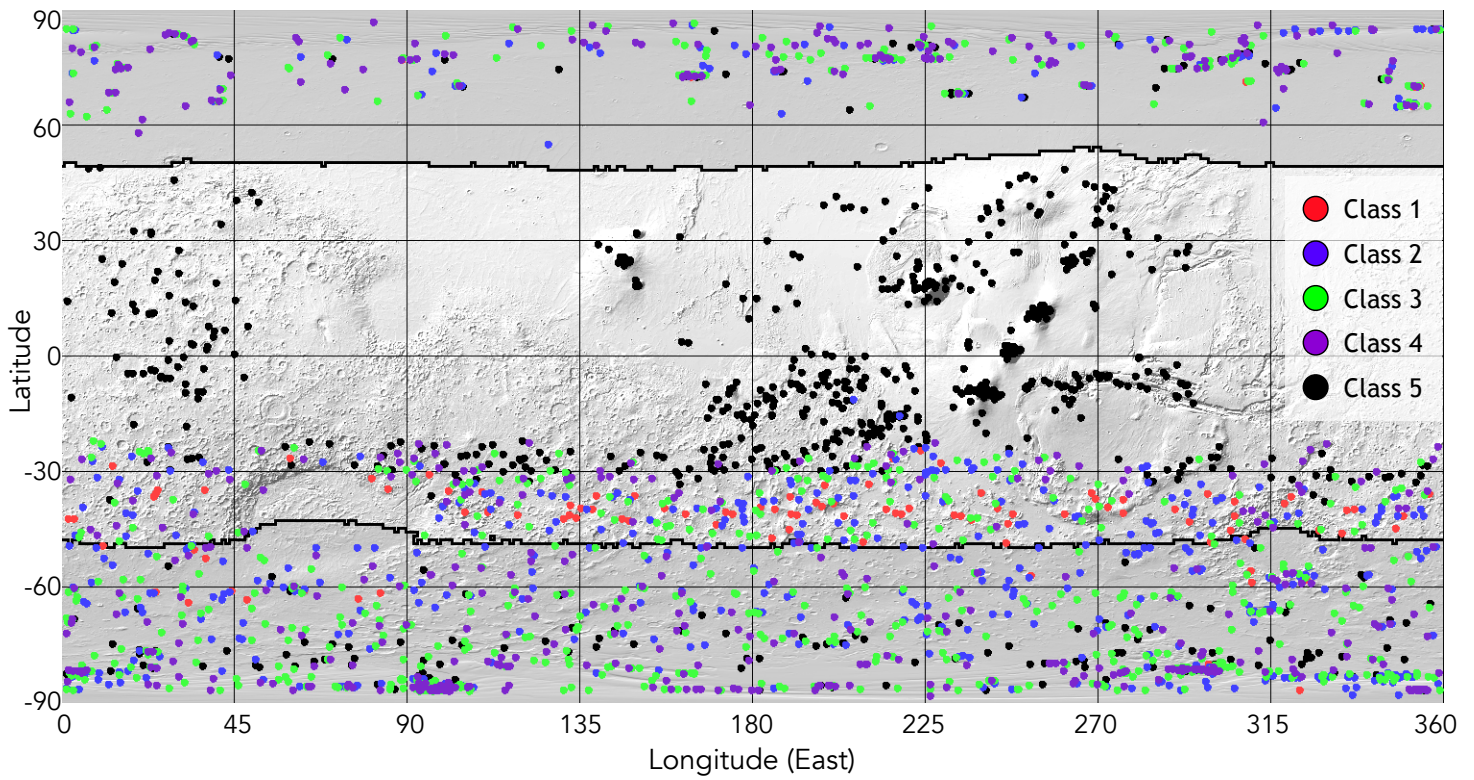
Figure S1. Distribution of THEMIS visible and infrared wavelength image pairs within 5 K of the local CO_2 frost point, near sun rise. The color of the dots indicates the confidence level of the frost identification in the THEMIS visible wavelengths images: red for Class 1 images (115 occurrences), blue for Class 2 images (534 occurrences), green for Class 3 (708 occurrences), purple for Class 4 images (556 occurrences), black for Class 5 (848 occurrences). Grey background is a MOLA-shaded relief map. Maximum extent of the seasonal caps (Piqueux et al., 2015) shown as black curves.