Digital Terrain Models with HiRISE Stereo Pairs

3,704 Stereo pairs acquired    259 DTMs completed    173 DTMs publicly released
http://www.uahirise.org/dtm/

HiRISE DTMs are invaluable for planetary scientists doing geologic analyses of martian landscapes.

At 1 m per pixel (elevation post spacing) and better than 1 m vertical precision, features about the size of a car can be measured.

Mission teams use them to plan safe landing sites and rover traverses.

This map shows all the DTMs that have been made and released to the public (yellow dots) at http://www.uahirise.org/dtm/

Perspective view of HiRISE image draped over DTM DTEEC_022436_1705_022502_1705_A01 in Noctis Labyrinthus