



# The Active Dunes of Nili Patera

ESP\_035603\_1890



HIGH RESOLUTION IMAGING  
SCIENCE EXPERIMENT  
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Nili Patera is one of the most active dune fields on Mars. As such, it is continuously monitored with HiRISE, with a new image acquired about every six weeks. By monitoring the sand dune changes, we can determine how winds vary seasonally and year-to-year. This observation is one of the more recent Nili images. The ripples on the dunes have moved, as well some of the dune boundaries, such as the one at upper left. New landslides on the central dune's lee face are apparent.