



# HIRISE

HIGH RESOLUTION IMAGING  
SCIENCE EXPERIMENT

[UAHIRISE.ORG](http://UAHIRISE.ORG)



Lunar and Planetary Laboratory



## **Very Fresh Impact Crater Superposing a Wrinkle Ridge in Hesperia Planum**

[uahirise.org/ESP\\_025237\\_1600](http://uahirise.org/ESP_025237_1600)

Wrinkle ridges are long, winding topographic highs and are often characterized by a broad arch with superposed narrow asymmetric ridges. These features have also been identified on the Moon, Mercury, and Venus. Their origin is attributed to horizontal compression or shortening of the crust due to faulting and folding.