



# Gullies and Arcuate Ridges

This observation shows gullies and arcuate ridges in a crater in the southern hemisphere of Mars. Arcuate ridges and gullies are found together at many places on Mars, leading some researchers to suggest that their coexistence may be a result of a single process. Conversely, there are many locations on Mars where gullies and arcuate ridges are found alone, causing the debate about the relationship, or lack thereof, between their origins to continue.