



Frosted Impact Crater in Late Northern Winter

ESP_032722_2405

This image was planned to search for gully activity in the Northern Hemisphere. Changing gullies have so far been documented only in the Southern Hemisphere, where a greater thickness of carbon dioxide frost forms in the winter. The gullies are active when this frost is present, especially in the late winter and spring as it sublimates. The well-preserved crater here has a bright gully deposit (see prior images such as ESP_027553_2405, acquired in late northern summer), which suggests recent activity.