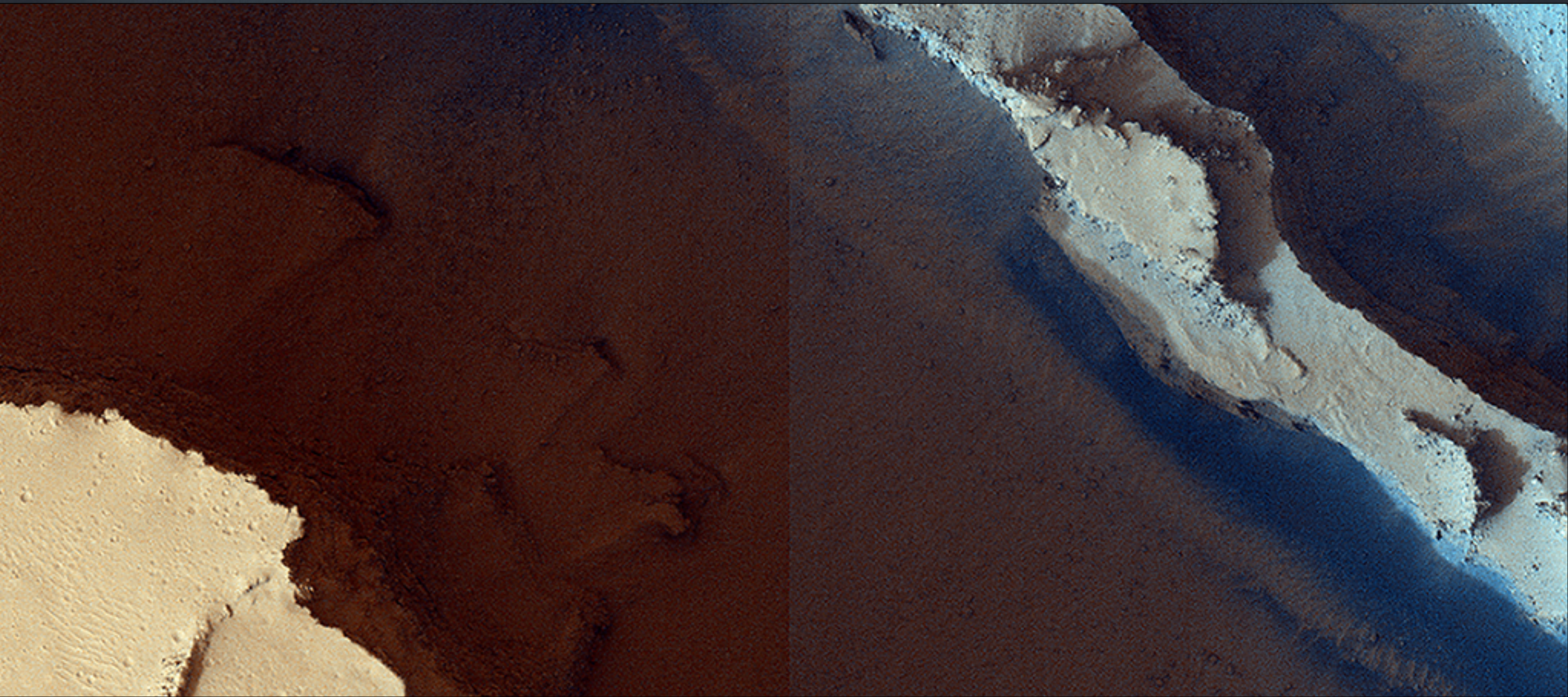




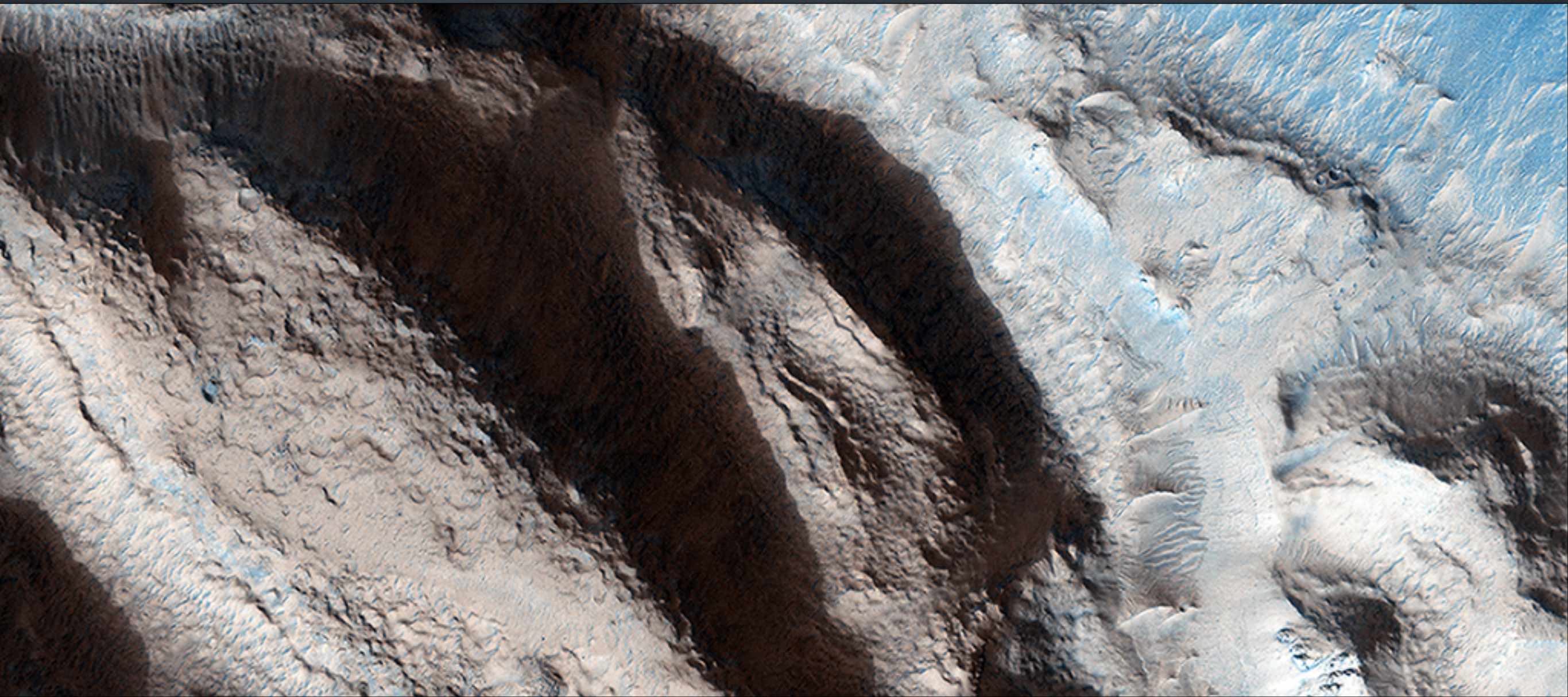
Lava Flow Near the Base of Olympus Mons

This image shows a lava channel, which lies just to the east of the largest volcano in the solar system: Olympus Mons. The channel appears to be discontinuous, meaning it disappears several times throughout its length, but in fact, it is likely that the channel continues underground as a lava tube.



Cerberus Fossae: In the Relay Zone

The fossae are probably areas where the surface has collapsed down into voids made from faults (huge cracks with movement on either side) that don't extend up to the surface. In structural geology, when multiple faults are closely spaced, we call that a relay zone.



A Fresh, Shallow Valley in Northern Arabia Terra

This type of valley is younger and distinct in appearance relative to the ancient valley networks that formed in the Martian highlands. Most fresh, shallow valleys like this one often appear as scattered and isolated or sparsely branched networks of individual valleys in the mid-latitudes and equatorial regions of Mars.