



Recurring Slope Lineae in Juventae Chasma

Juventae Chasma is a giant box canyon, yet a relatively small segment of the enormous Valles Marineris system. It is breached to the north, leading to the Maja Vallis outflow channel. The box canyon may have been nearly filled with water long ago (a couple billion years), but was released catastrophically when the region north of the box canyon collapsed.