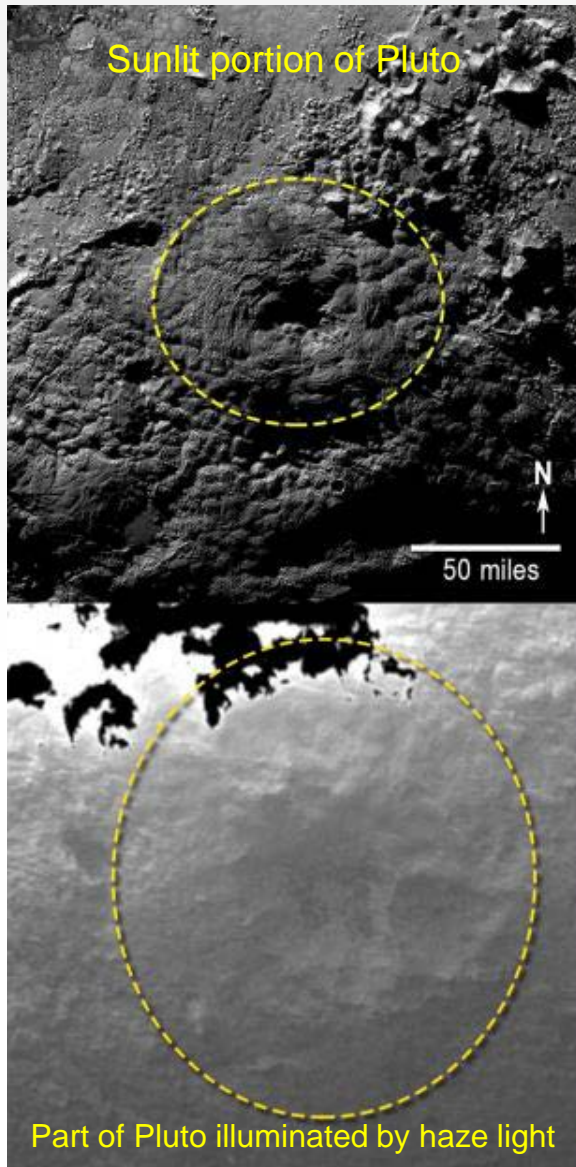


Cryovolcanism on Pluto?



- New Horizons observed two broad mountains with large central depressions on Pluto's icy surface (left top and left bottom)
- At ~100 miles wide, and 2.5 miles high, these mountains are built up relative to the average surface level (see figure below)
- The lack of impact craters on these mountain features indicates a geologically young surface
- The mechanics of how this icy volcanism would operate are still being investigated, but material appears to have piled up, multiple times, in these locations in the geologically recent past

Right: Perspective view of a possible icy volcano (2x vertical exaggeration). This color image represents elevation data, where red is high and purple is low.

