

November 16, 2015  
MSE 2101 topics

- Destination: Mars
- Herschel's observations of polar caps
- Schiaparelli: the *canali* of Mars
- Lowell: canals of Mars
- Wallace's counter-arguments
- Wells' s *War of the Worlds*
- Exploration of Mars: the Mariners and the Vikings
- Martian atmosphere; seasons and winds
- Martian landscape; north and south
- Olympus Mons, Valles Marineris
- Water on Mars
  - orbital evidence: dry riverbeds, impact craters
  - spectroscopy: hydrated minerals
  - rovers: hematite, opaline minerals, hydrated sulfates