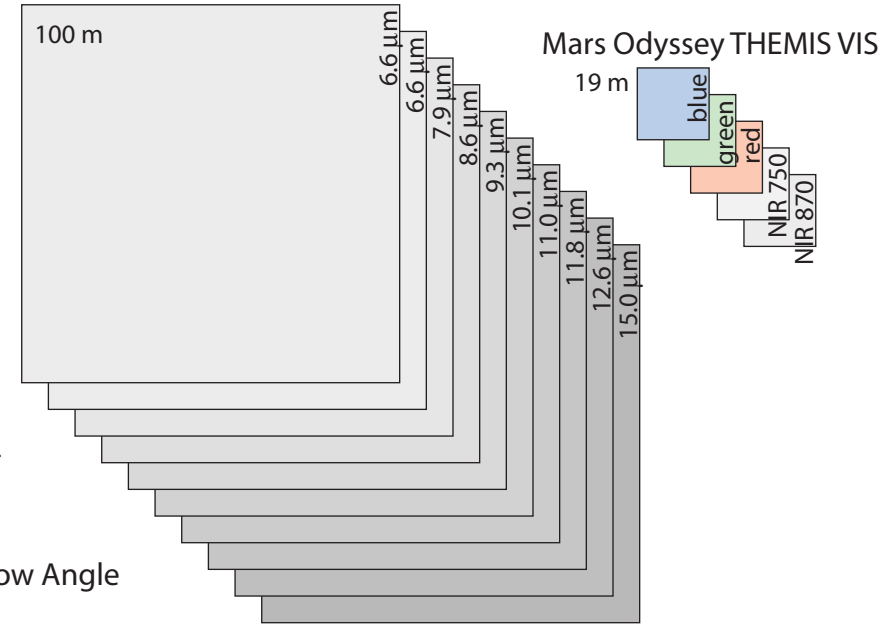


# Spatial and Spectral Resolutions of Mars Orbiting Cameras

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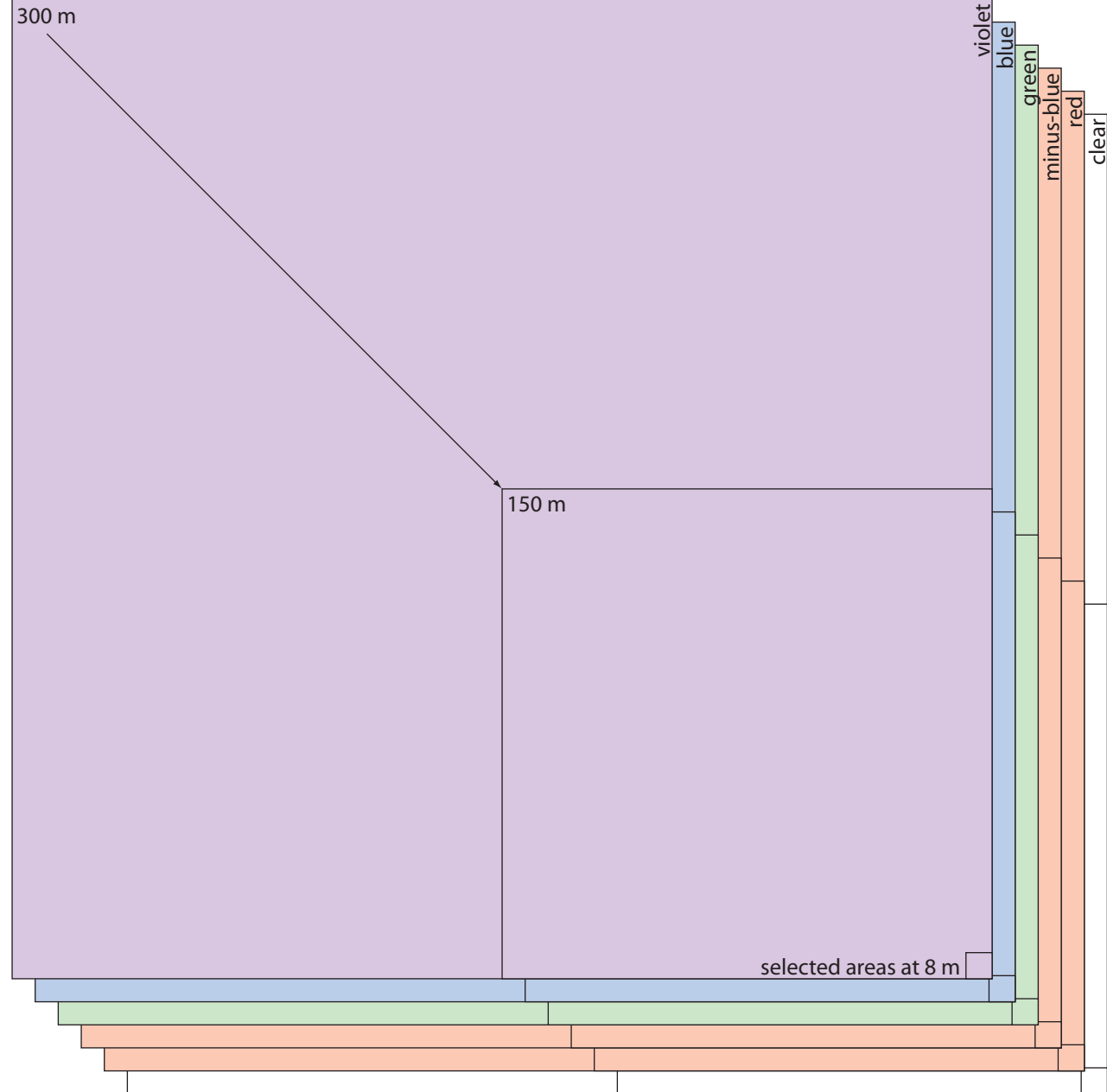
- Key:
- Each square represents the size of one pixel for the specified camera. A number at the upper left states the size of the pixel.
  - Some cameras have varying resolutions depending upon the spacecraft's distance from the planet. For these, an arrow shows the range of pixel sizes from largest to smallest.
  - Some cameras have high-resolution modes, in which they can look at selected areas at higher resolutions.
  - The stack of squares indicates the number and color of different filters. The more filters, the higher the "spectral resolution."

Mars Odyssey THEMIS IR: 10 channels



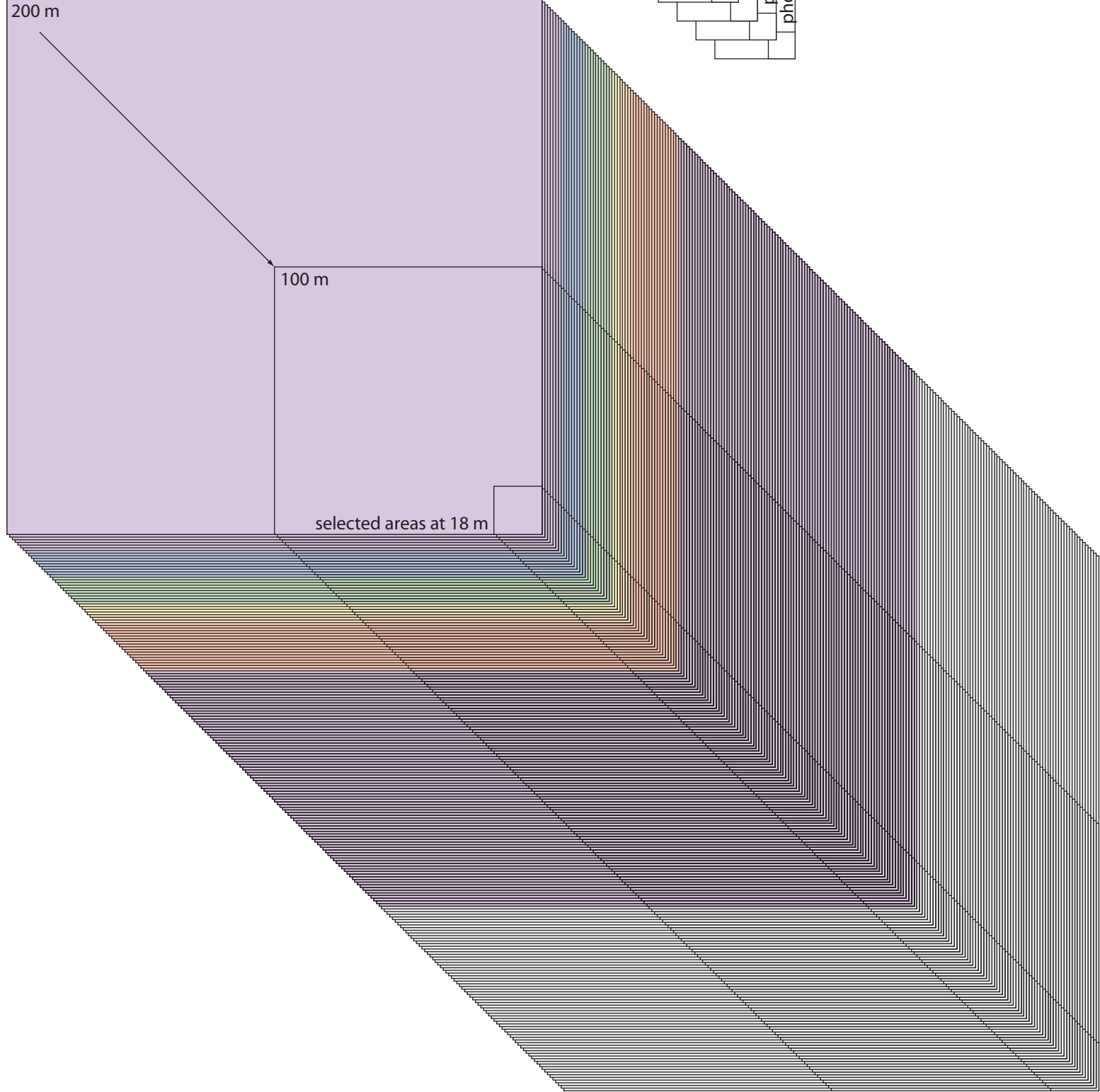
MG S MOC Narrow Angle  
□ 1.5 m, 1 channel

Viking Orbiter VIS: 6 channels

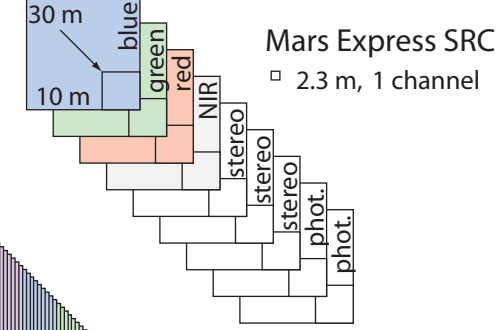


MRO HiRISE  
□ 30 cm, 3 channels

MRO CRISM: 544 channels from 370 to 3,920 nm



Mars Express HRSC: 9 channels



etc...Note: all 544 of CRISM's filters do not come close to fitting on this page!