

Apollo 18 and 19 Landing Sites

Go to Google Moon: <http://www.google.com/moon/>

Turn on the “Charts” button in the upper right corner.

Or you can download the maps directly from the Astro 190 website.

The last three Apollo missions (18,19, and 20) were cancelled on September 2, 1970. Preliminary work on the possible landing sites was just starting. In one scenario, Apollo 20 was targeted for the Copernicus crater (we have talked a lot about Copernicus), while Apollo 18 and 19 were targeted for sites that have some similarity to the Apollo 15 site - lots of diverse geology. The table below list the possible landing sites for Apollo 18 and 19.

Mission	Landing Site	Coordinates
Apollo 18	Schroter's Valley	49° W 25° N
Apollo 19	Hyginus rille	6.5° E 7.5° N

Look at the geological maps of the landing sites of Apollo 18 and 19. (Map names: Mare Vaporium and Aristarchus). The keys for the maps are on the right of the maps. Based on these map, describe in your own words the landing sites for the missions. Your description should include:

1. How the various landforms at the landing sites were formed.
2. What types of rocks you would expect to find at the landing sites.
3. How are they different from the landing site of Apollo 15.

Each description should be about 150 words long.

Due: Fri Feb 27 in class (−2% for every hour late)