

LOCATING LUNAR LANDERS



INTRODUCTION

In this activity you are going to:

Find out more about what the Apollo missions did on the Moon

Search for the Apollo landing sites using grid and coordinate systems

Discover the items left behind by Apollo astronauts using coordinates

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LUNAR LANDINGS

6 landings

Our samples!



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WHAT WE LEFT BEHIND



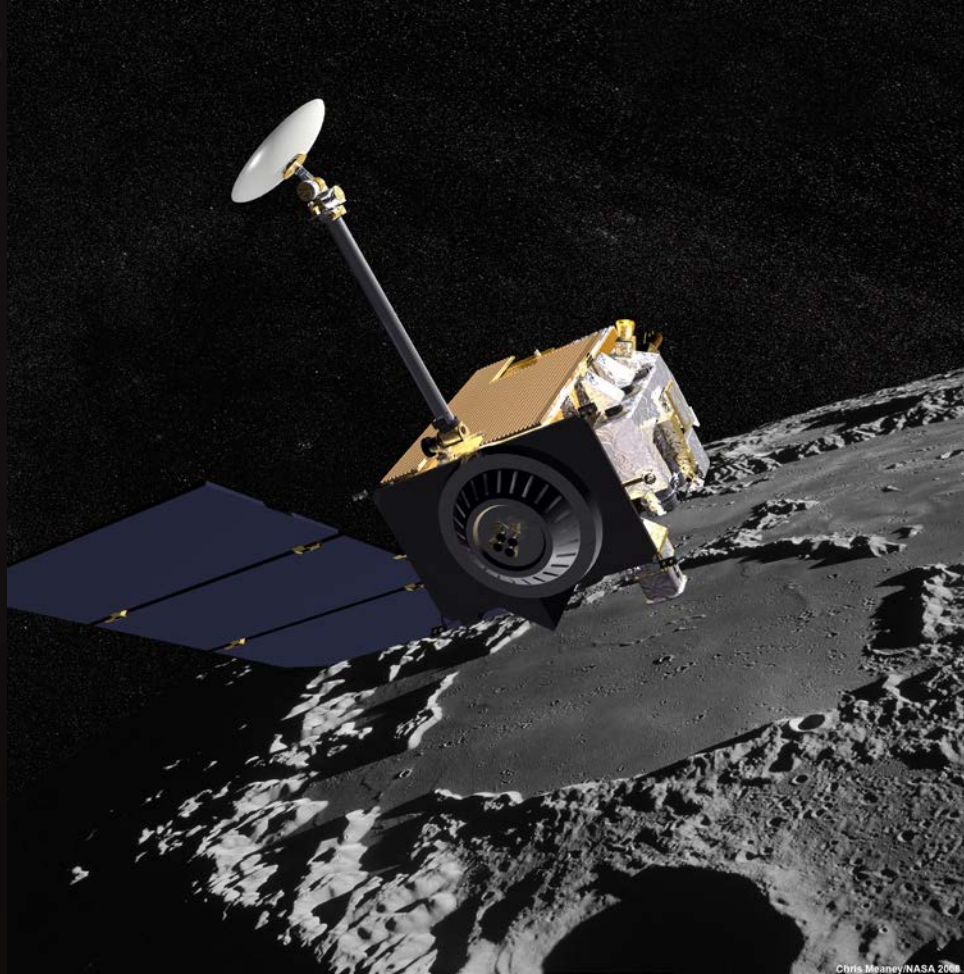
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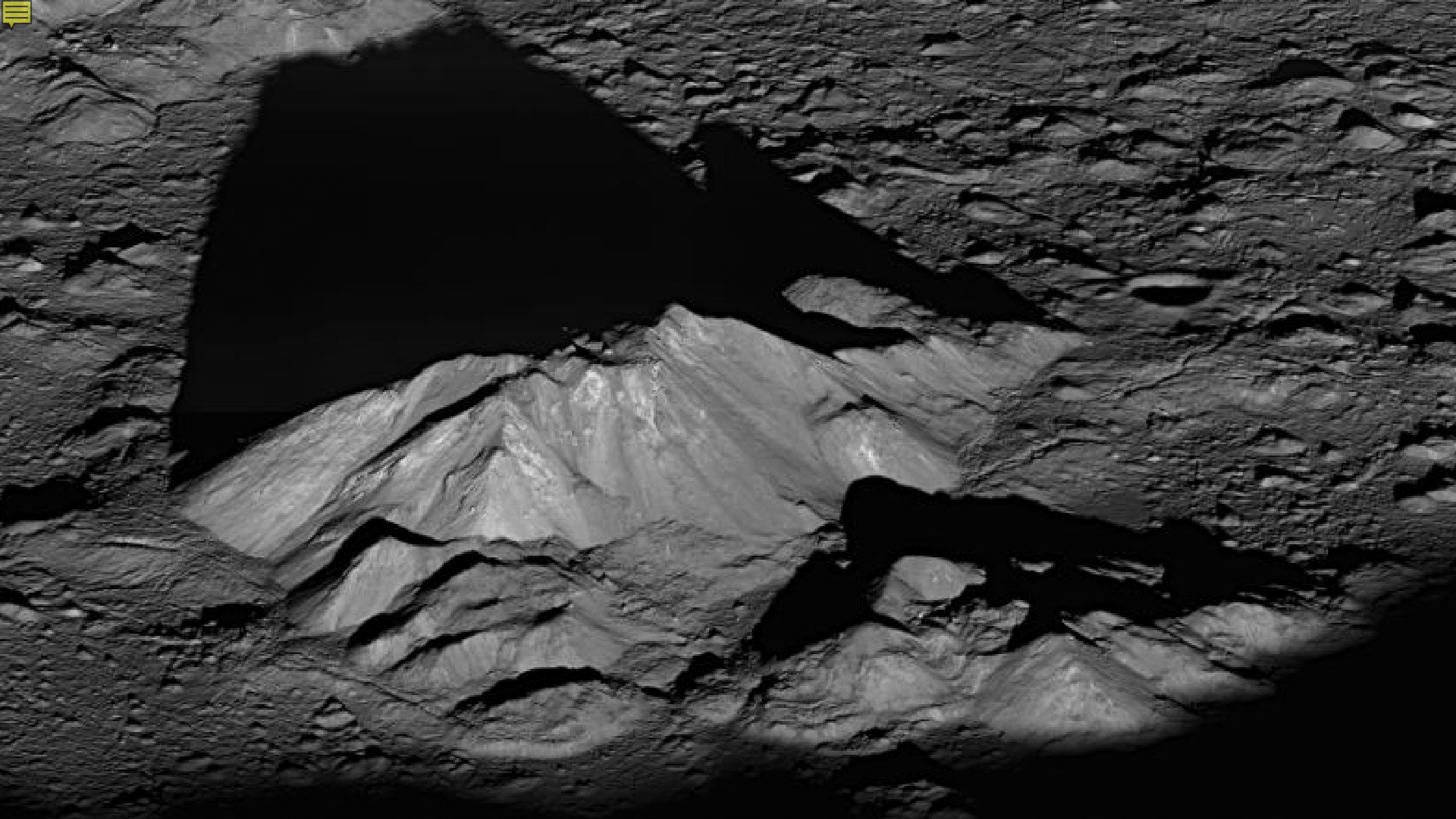
THE BEST VIEWS OF THE MOON

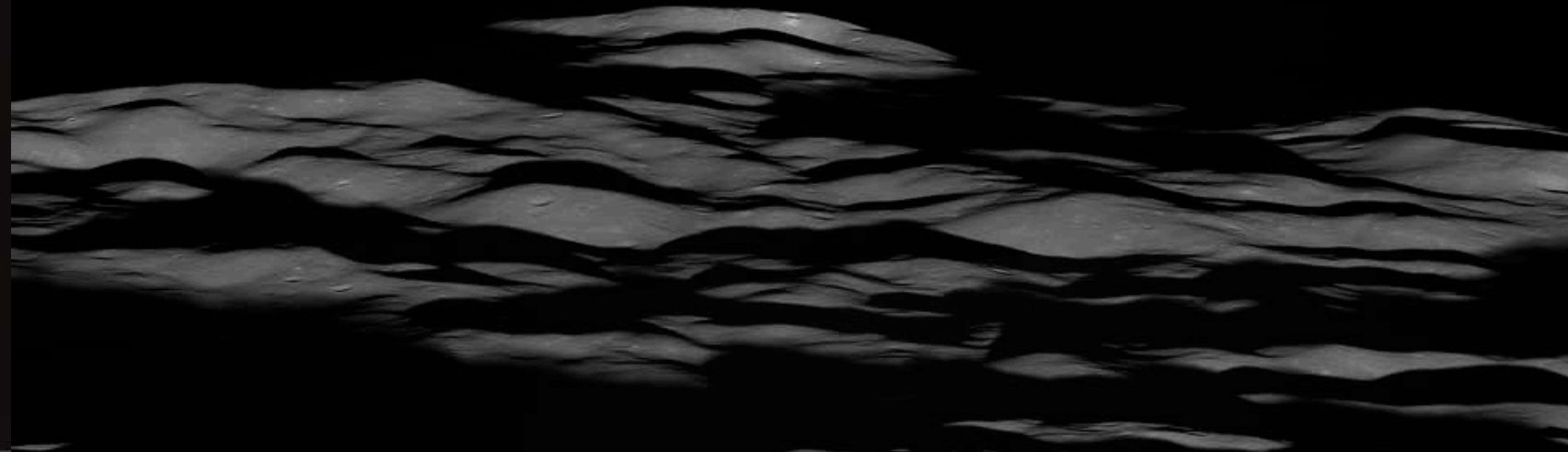
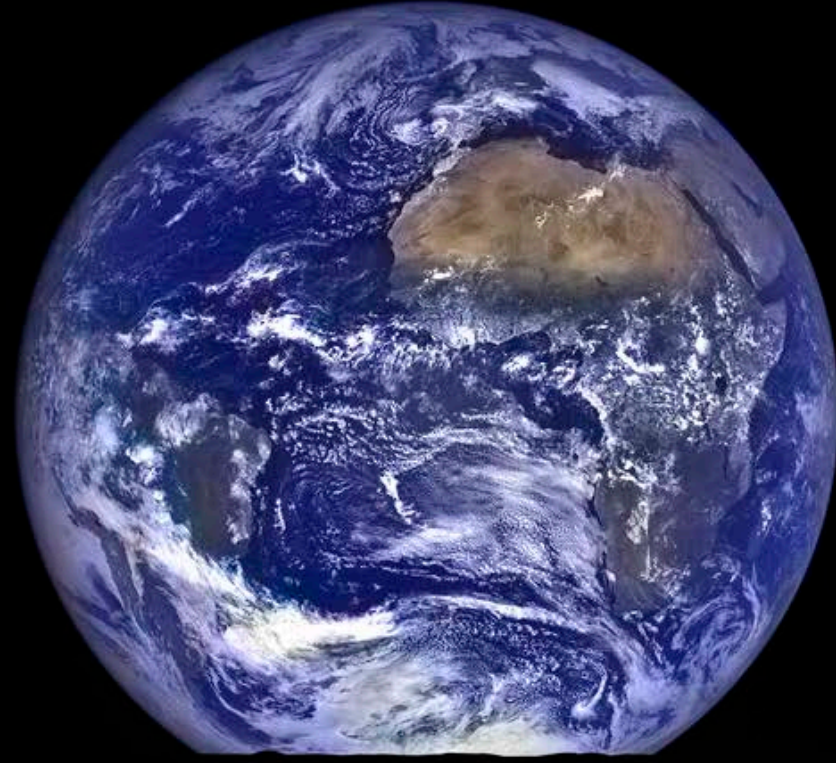


NASA's Lunar
Reconnaissance Orbiter
(LRO)





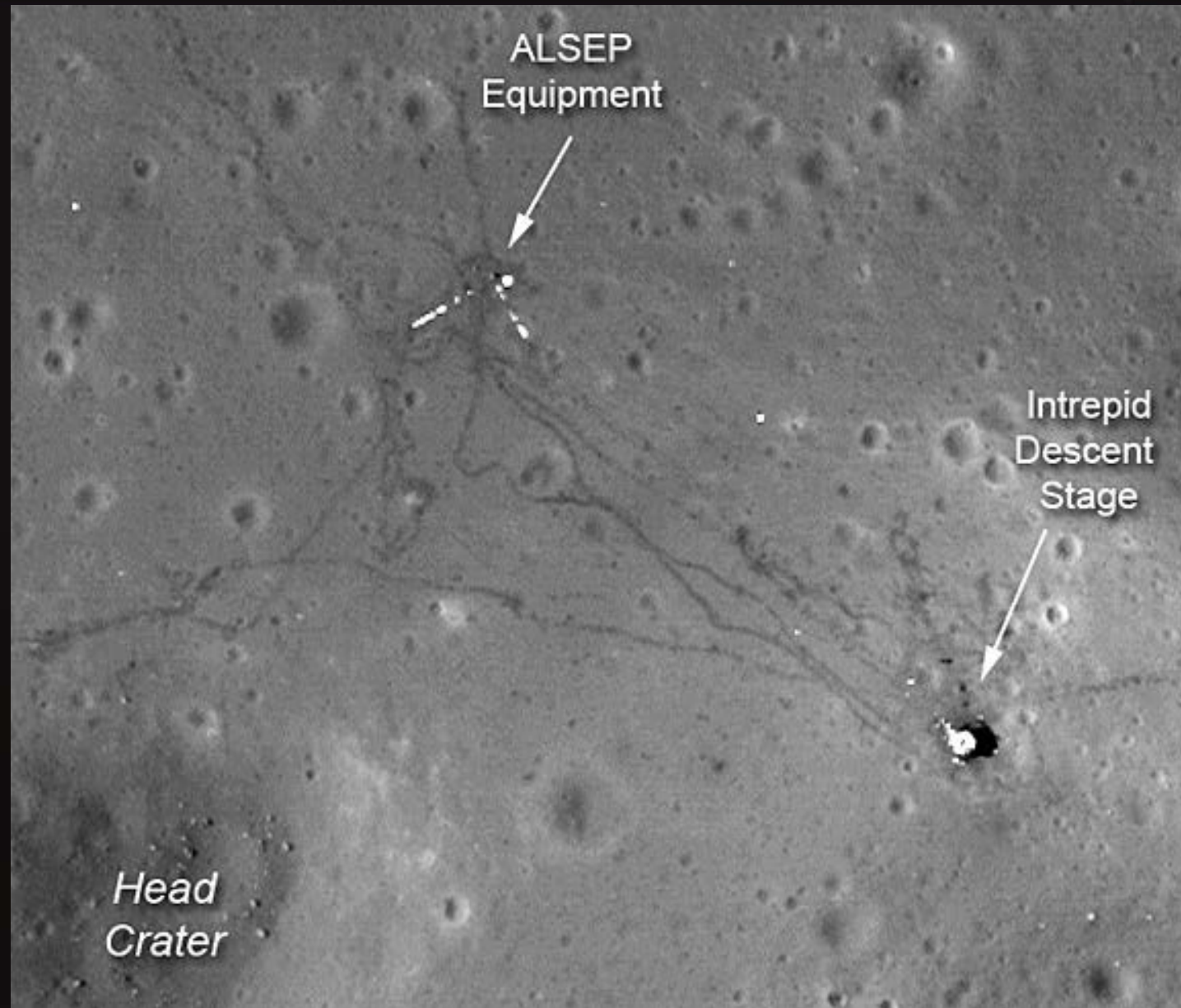




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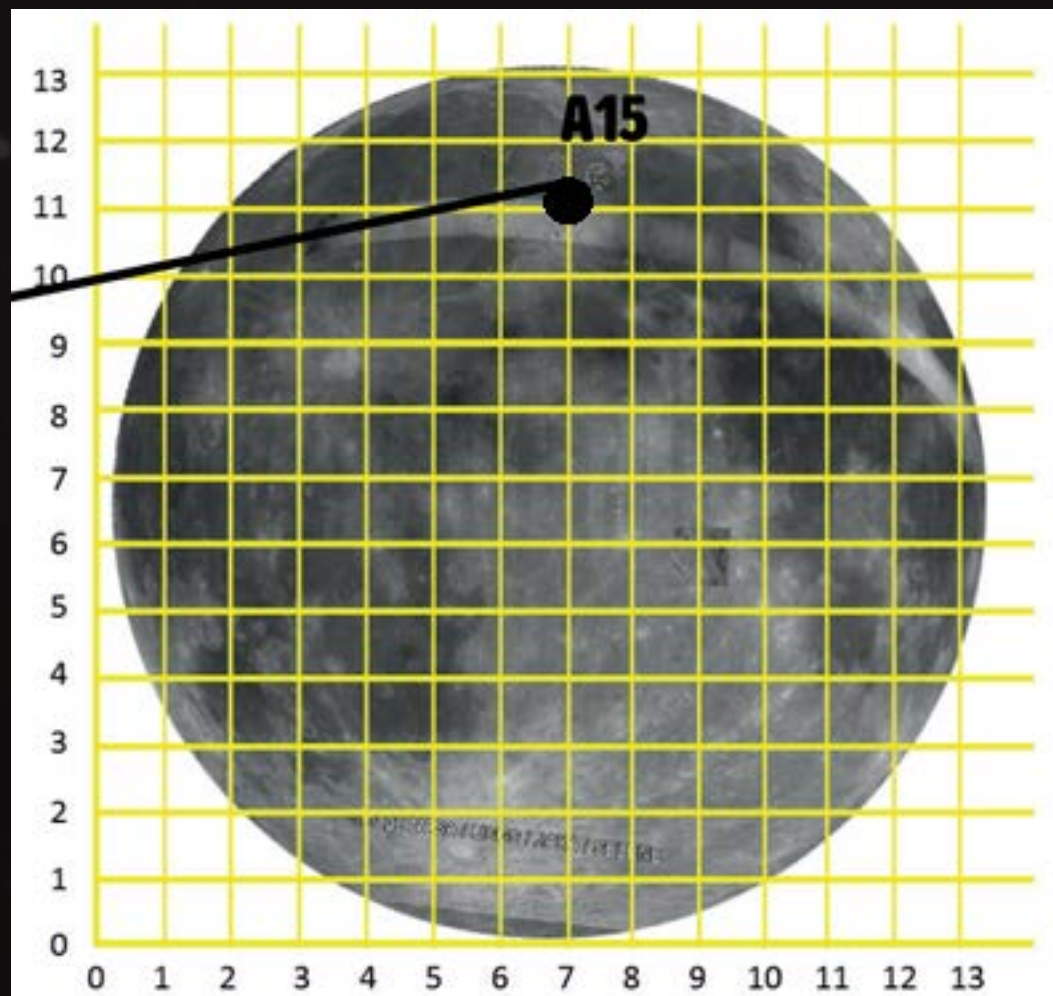
ACTIVITY 1

Can you mark on the lunar map the locations for the Apollo landing sites that our samples came from?



Remember, you go along first, then up!

Apollo 15
(7,11)



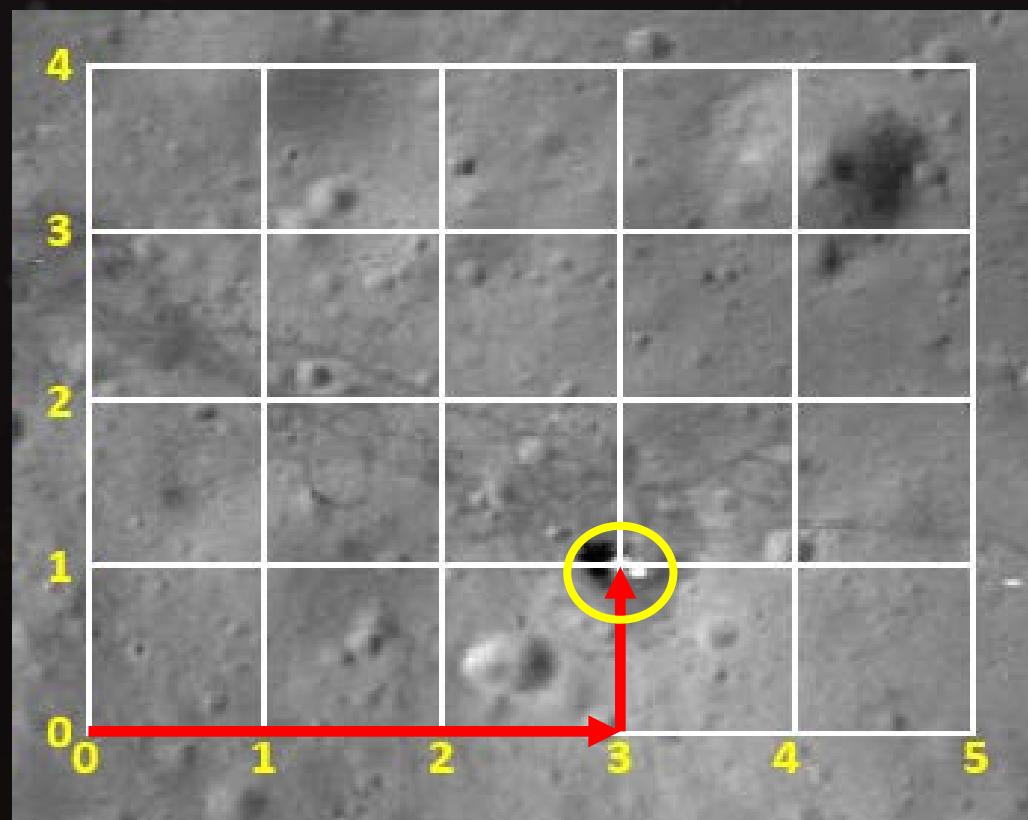
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Then, use the given coordinates to locate the lunar 'descent stage' for each mission.



Coordinates:
3,1



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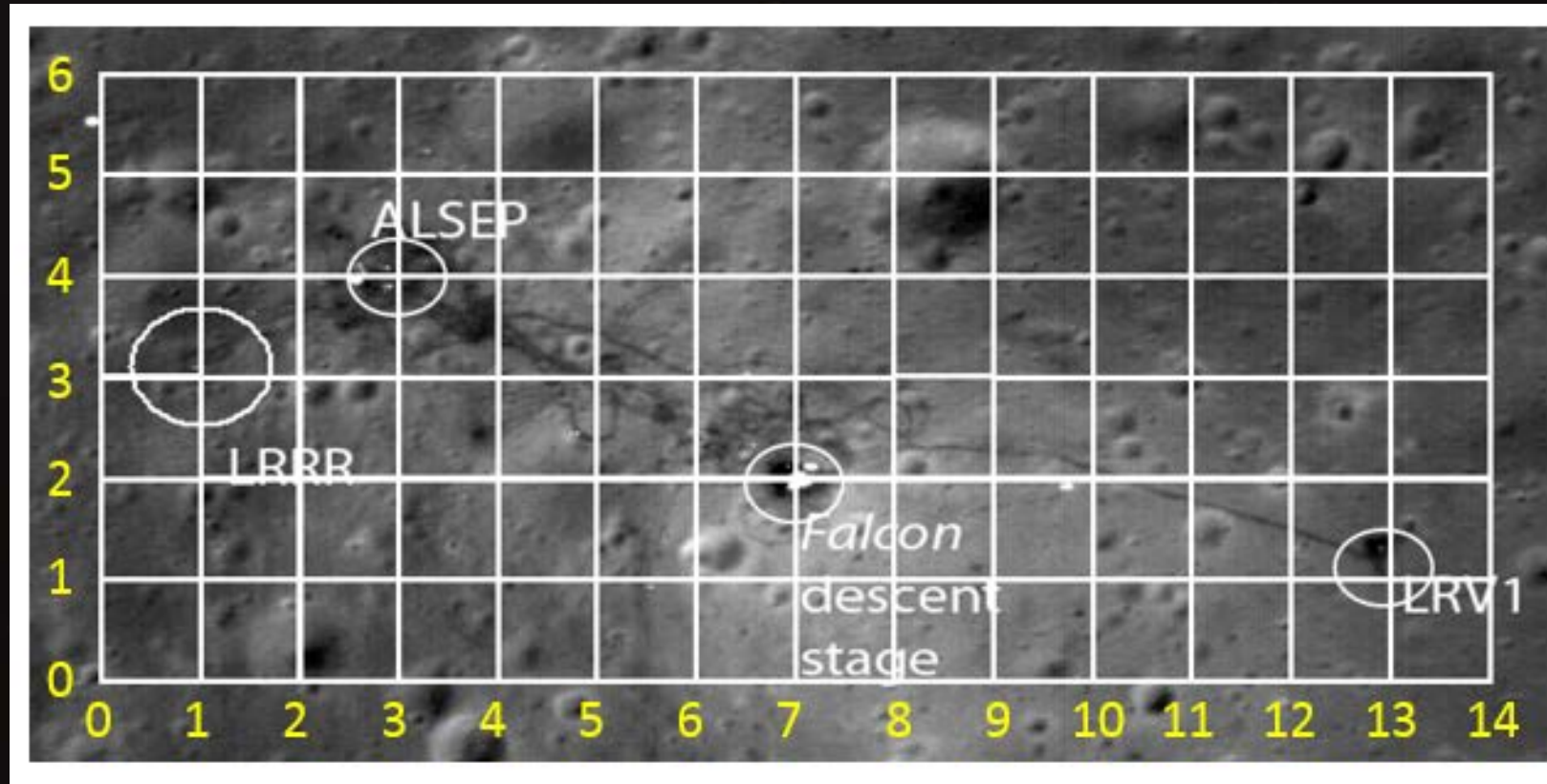
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ACTIVITY 2

Below is an image of the Apollo 15 landing site taken by the Lunar Reconnaissance Orbiter.

A set of axes and a grid have been placed over the image. Can you help the European Space Agency by giving them the coordinates of the 4 labelled objects?



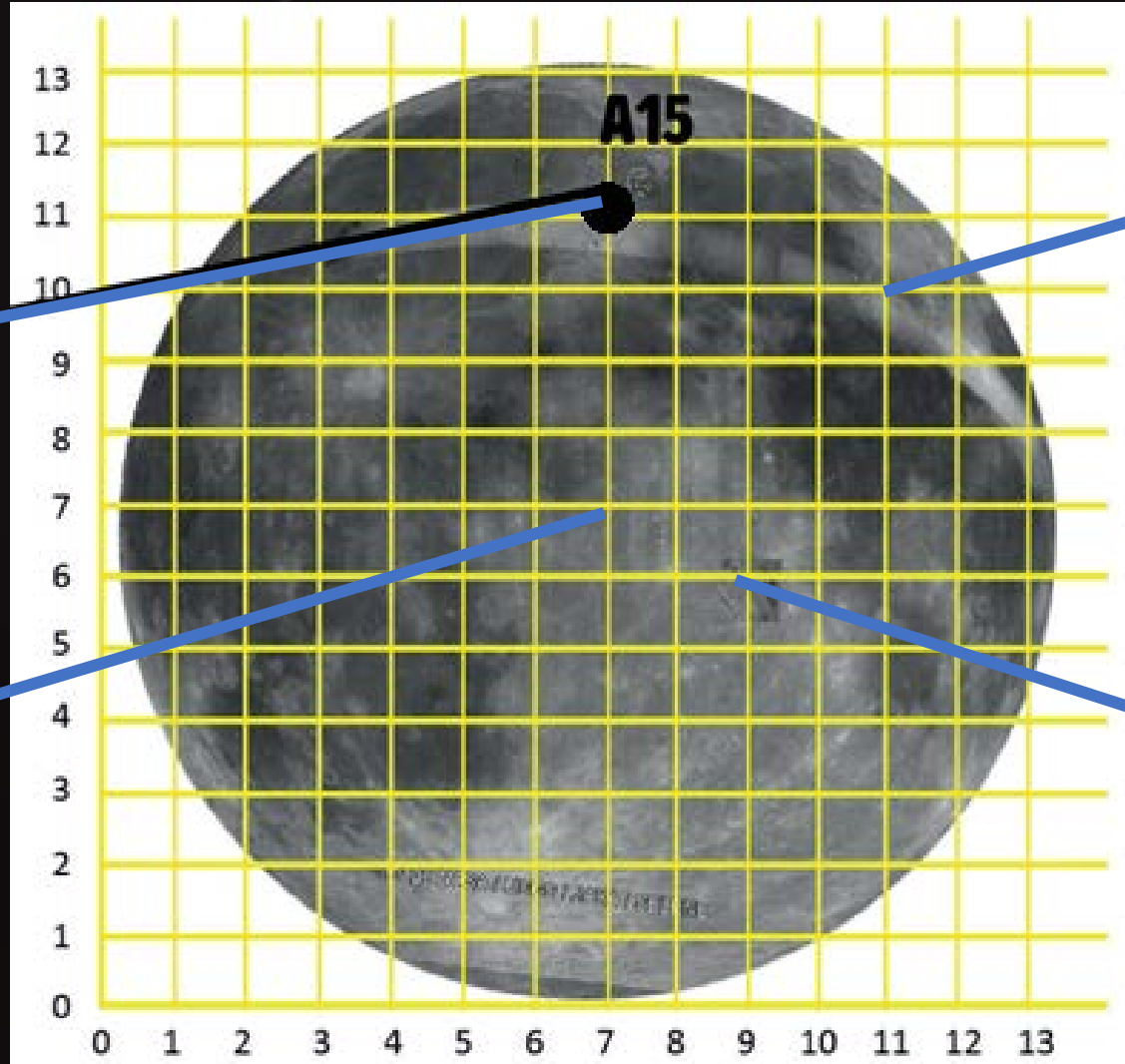
ACTIVITY 1 RESULTS



(7,11)



(7,7)



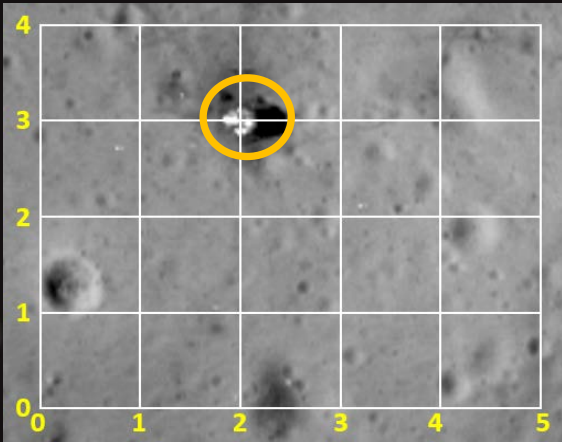
(11,10)



(9,6)

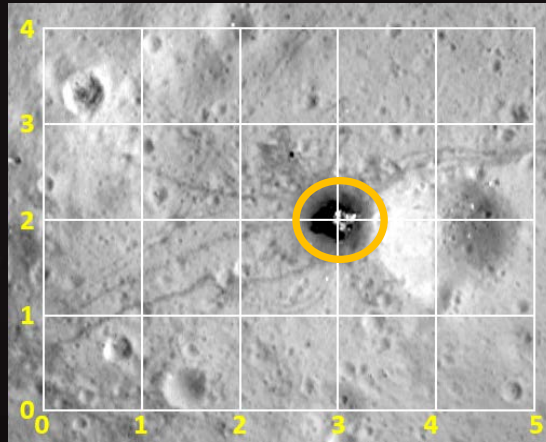


ACTIVITY 1 RESULTS



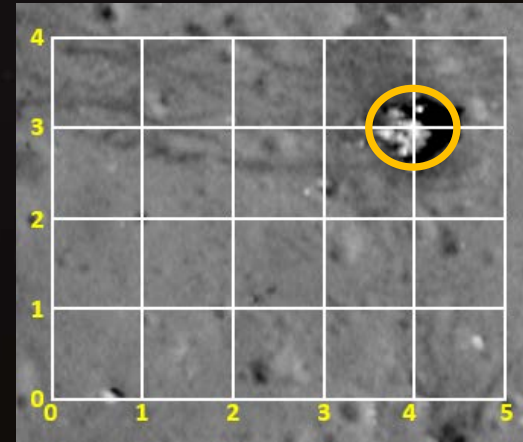
Apollo 14

Coordinates: 2,3



Apollo 16

Coordinates: 2,3

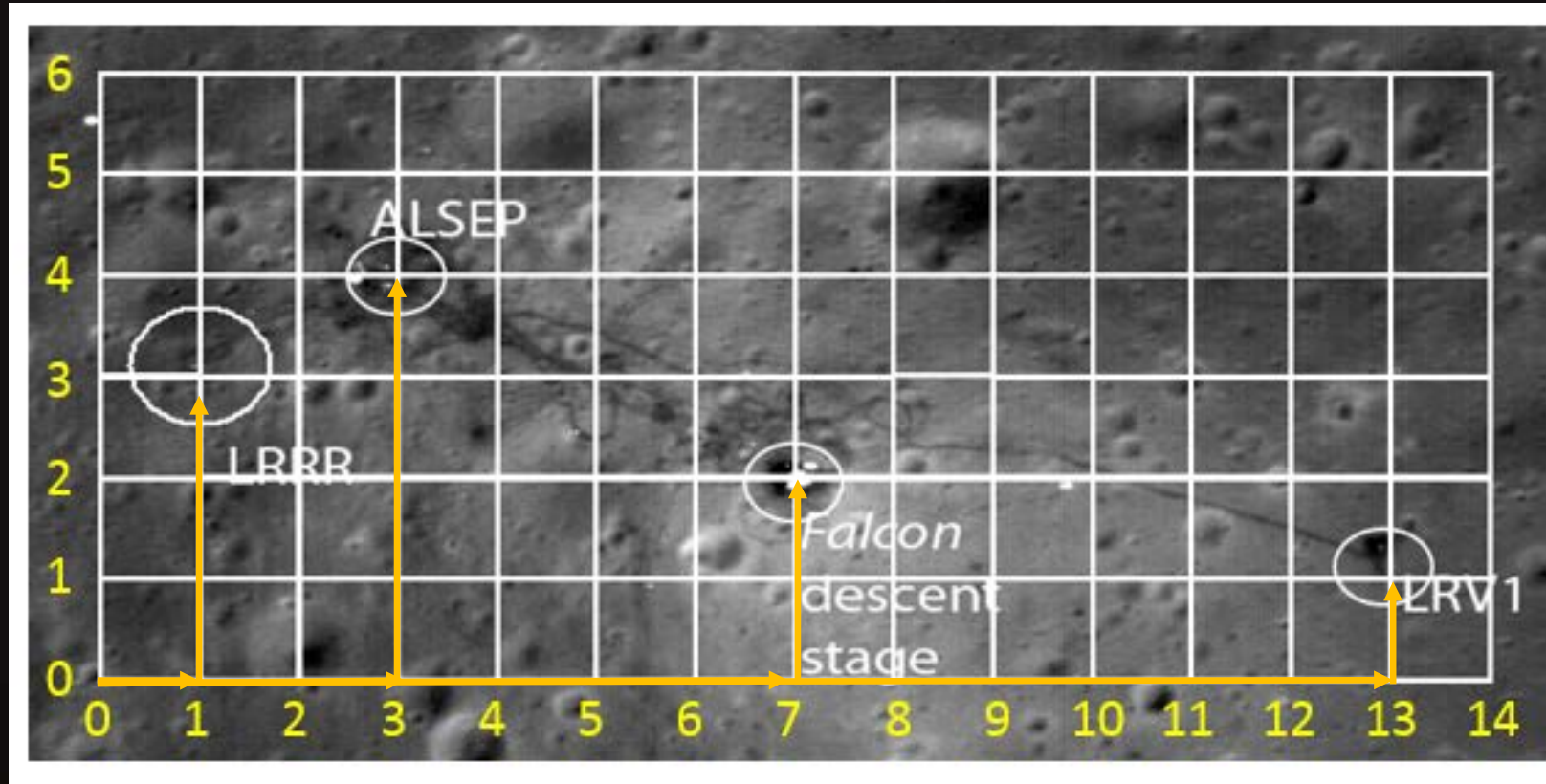


Apollo 17

Coordinates: 4,3



ACTIVITY 2 RESULTS



LRRR

1, 3

ALSEP

3, 4

Falcon Descent

7, 2

LRV 1

13, 1