

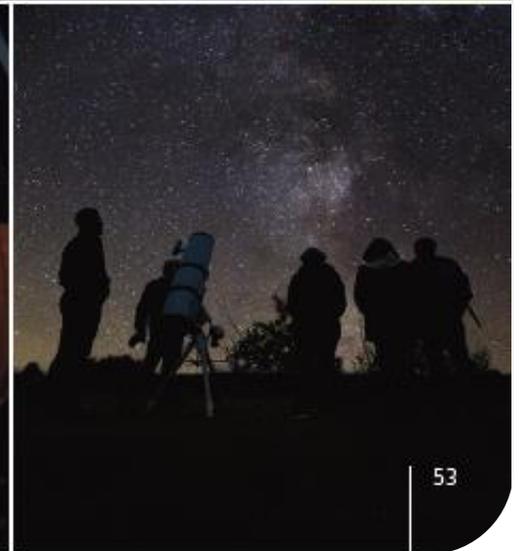
# OM

DARK SKY PARK  
& OBSERVATORY  
DAVAGH, SPERRIN MOUNTAINS

Northern  
Ireland  Embrace a  
Giant Spirit



Comhairle Ceantair  
**Lár Uladh**  
**Mid Ulster**  
District Council



The logo consists of the letters 'O' and 'M' in a thick, white, hand-drawn style. The 'O' is a simple circle, and the 'M' has a rounded, wave-like top. The background is a dark blue night sky filled with numerous small white stars. At the bottom of the image, the dark silhouettes of evergreen trees are visible against the starry sky.

OM

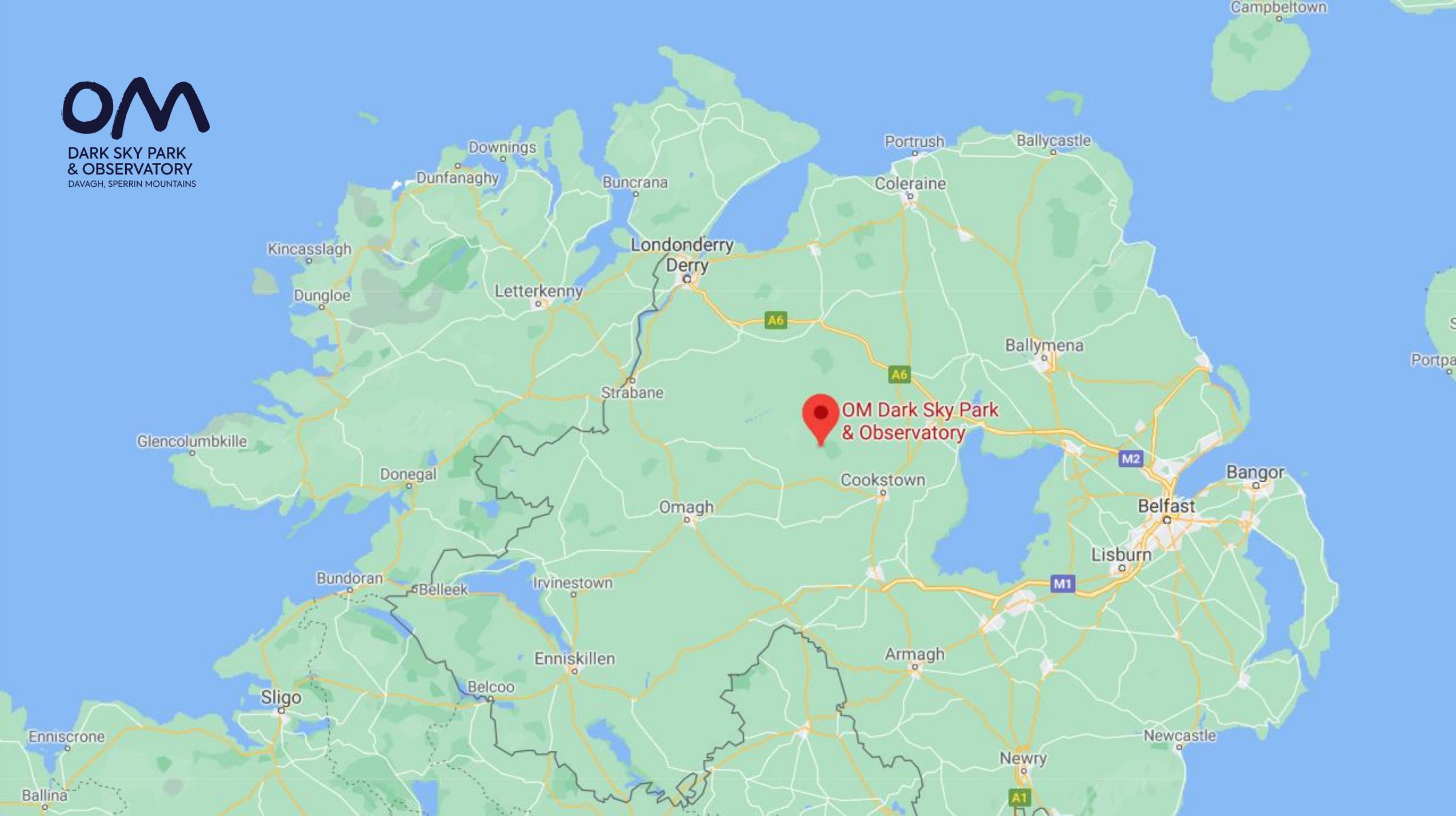
DARK SKY PARK  
& OBSERVATORY

DAVAGH, SPERRIN MOUNTAINS

[www.omdarksky.com](http://www.omdarksky.com)



**DARK SKY PARK  
& OBSERVATORY**  
DAVAGH, SPERRIN MOUNTAINS



9  
Inner City sky

7  
Suburban/urban  
transition

5  
Suburban sky

3  
Rural sky

1  
Excellent dark  
sky site

Altair

Rasalhague

IC 333

IC 4665  
Cebalrai

Sabik

Jupiter

Nunki

NGC 6530

Alnilam



In dark skies we can gaze into the lives of stars. We can find distant star nurseries, and glimpse the colours of massive, ageing stars.

## Altmore

What? Need our of the chem

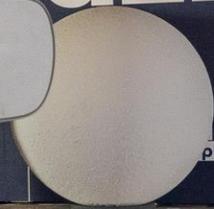
They are mostly hydrogen and helium, and contain other elements like carbon, nitrogen, oxygen and iron. When we talk about stars we mean stars of different sizes. The colour of the star's temperature, which in turn, depends on what kind of star it is, and its stage of evolution.

Lift the flaps to find out more

# Mind-blowing

The Moon to stars looking

The Moon It's the only



planet

The astronaut James Irwin, who landed on the Moon in 1971, is descended from emigrants from Altmore, near Pomeroy Co. Tyrone, who arrived in America in 1859.



How did it form?

The origin of the Moon is still being investigated. Most scientists accept that it was caused by a collision between Earth and a huge object such as another planet.

The collision blasted huge amounts of rock and dust particles into space, some of which got caught by the Earth's gravity holding it in its orbit. The particles' own gravity made them clump together, eventually forming the Moon.

'Theia'

Astronomers gave the unknown object that collided with Earth the name Theia. It comes from the Greek name for the mother of the Moon.



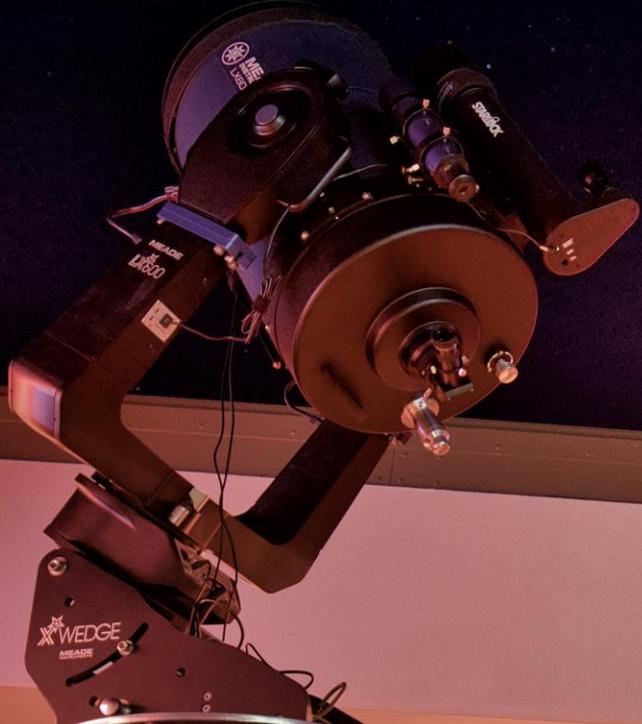
Tycho is one of the most easily recognisable craters on the Moon. Its steep walls are 4700m on average. That's the height of 14.5 Eiffel Towers!

Copernicus

Discover the best features

Tycho

The Moon is 3.7 times smaller than Earth.  
The Moon orbits the Earth at a distance of 384,000km.  
DIAMETER OF MOON 3475km



# Welcome to Observatory



“Our origins are in it, we live in it,  
we recognised it, we appreciated it  
as our ancestors did millennia ago  
we nurtured it, we promoted it  
and we are proud to share it.”

**Broughderg Area Development Association**



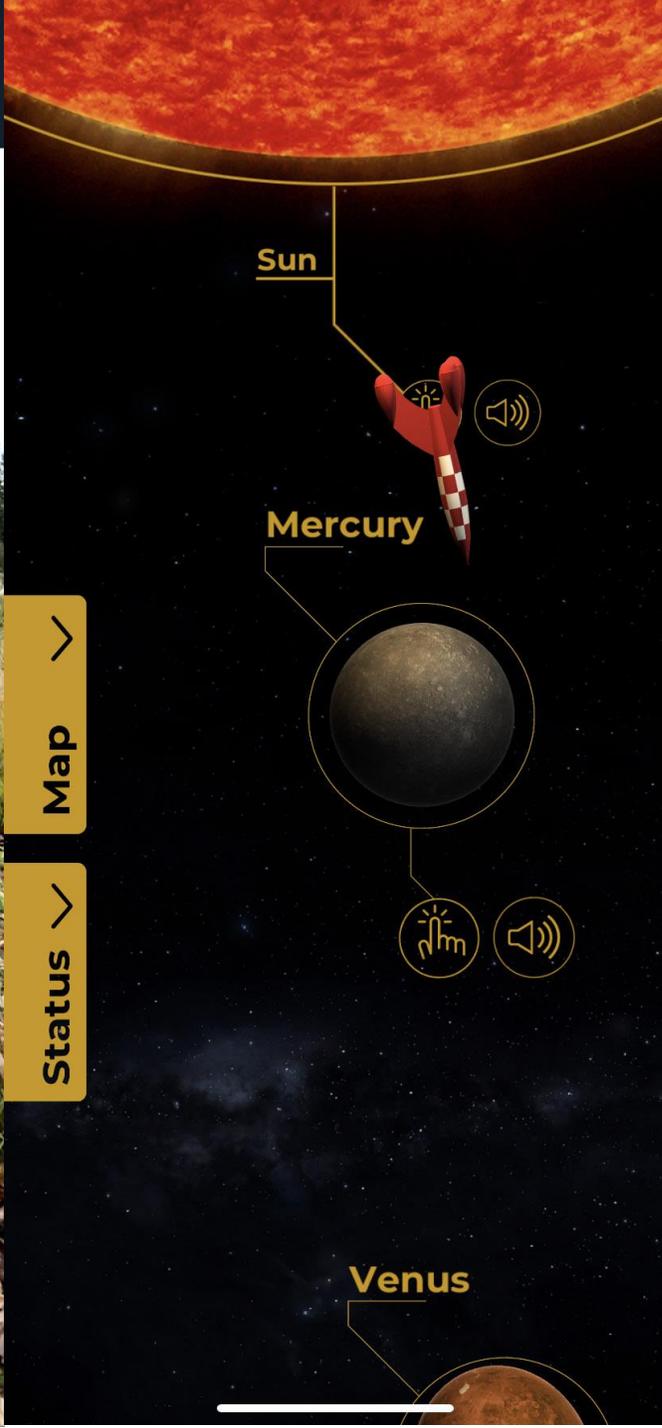


Northern  
Ireland  
Embrace  
a Giant  
Spirit





# Sun



Map >

Status >



# Venus

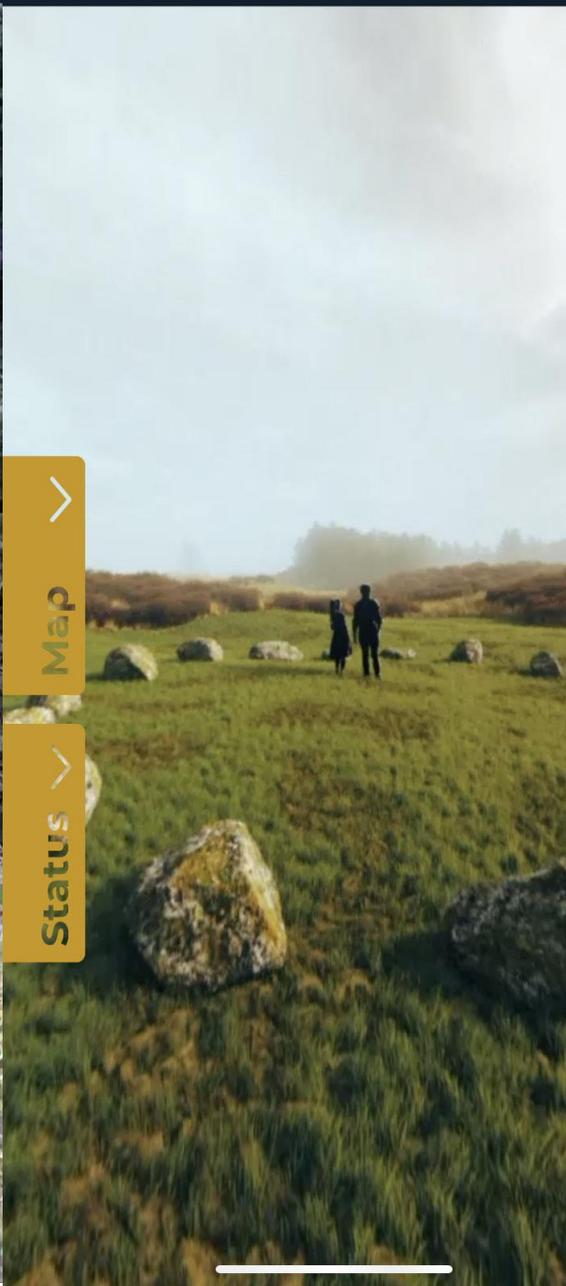


Map >

Status >



# Beaghmore Stones



Map >

Status >

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Comhairle Ceantair  
**Lár Uladh**  
**Mid Ulster**  
District Council



HILL of THE O'NEILL  
& RANFURLY HOUSE  
ARTS & VISITOR CENTRE



*Seamus Heaney*  
**HomePlace**  
Life, Literature & Inspiration



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