

# The Sky at Night 55

## Moore Marathon - Detailed Observing Form...

Thanks for taking part in the Sky at Night's Moore Marathon - our 55th anniversary challenge. We would like you to tell us which of our 55 selected objects you've managed to find. If you've managed to grab any images, then you can share them via our Flickr group at [www.flickr.com/groups/bbcskyatnight](http://www.flickr.com/groups/bbcskyatnight)

Please print the form, then write in as much information as you can about the objects, sky conditions and equipment used.

For your results to be included in the programme, please return the form to us by 24th April, to...

**Moore Marathon, BBC Birmingham, The Mailbox, Birmingham, B1 1RF**

There's a QUICK summary version of this form available via our [bbc.co.uk/skyatnight](http://bbc.co.uk/skyatnight) webpage.

This can be downloaded, completed and emailed back to us at [skyatnight@bbc.co.uk](mailto:skyatnight@bbc.co.uk)

*We will only use your details to contact you about the Sky at Night's 55th anniversary, and will not pass your email address or phone number on to anyone else.*

Your name:

Address:

  
  
  


Phone number:

Email address:

Filling out the form is easy...

Write your comments here

<b>1</b>	<b>The Moon</b>	Rating - Easy	Best seen with - Naked Eye
Visibility - 1-9 April before midnight BST, 10-17 April in the early hours, 22-30 April visible as the sky darkens			
Comments... <i>Looked enormous, rising over the sea!</i>			
Seen it <input checked="" type="checkbox"/>	Date <i>06/04/12</i>	Time <i>9:20</i>	Equipment <i>Just my eyes.</i>

Tick this box when you've seen the subject

Enter the date you saw it here

Enter the time you saw it here (use BST)

Tell us what you saw it with here

*If you need help finding any of the objects listed, an observing guide will be available via the Sky at Night website ([www.bbc.co.uk/skyatnight](http://www.bbc.co.uk/skyatnight)) from mid-March. The visibility guidelines for each entry have been compiled assuming you're located in the UK and are correct for April 2012.*

**The Moore Marathon starts here - good luck and clear skies...**

<b>1</b>	<b>The Moon</b>	Rating - Easy	Best seen with - Naked Eye
Visibility - 1-9 April before midnight, 10-17 early hours, 22-30 early evening (programme deadline 24th April)			
Comments...			
Seen it <input type="checkbox"/>	Date dd / mm / yy	Time hh : mm	Equipment

**2 The Plough (part of the Great Bear)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**3 Polaris (star)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**4 Cassiopeia (constellation)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**5 Regulus & Sickle (part of Leo)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible as the sky darkens*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**6 Mars (planet - currently in Leo)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible as the sky darkens*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**7 Venus (planet)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *visible after sunset in the west/northwest*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**8 Earthshine**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *before sunrise 16-19 April, after sunset 22-25 April (programme submission deadline 24th April)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**9 Belt of Venus**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *just before sunrise or after sunset along the opposite horizon to the Sun's location*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**10 Spica (brightest star in Virgo)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *all night, rising in the southeast as darkness falls*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**11 Saturn (planet - currently in Virgo)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *all night, rising in the southeast as darkness falls*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**12 Mare Crisium**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *1-9 April and 24-30 April (programme submission deadline 24th April)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**13 Hyades (open cluster in Taurus)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *low in the west as the sky darkens, easier at the start of April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**14 Pleiades (open cluster in Taurus)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *low in the west-northwest as the sky darkens, easier at the start of April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**15 International Space Station (ISS)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *at various times from 1-26 April see observing guide or visit [www.heavens-above.com](http://www.heavens-above.com) for predictions*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**16 Artificial Satellite**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *at any time of night in clear, dark skies*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**17 Zubeneshamali (star in Libra)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *visible low in the southeast around 11pm BST, then up for the rest of the night*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**18 Cygnus (constellation)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *east at 4am BST at the start of April or 1am BST at the end*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**19 Algol (variable star in Perseus)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *low in the northwest at 10pm BST at the start of April, very low in the north at the end of April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**20 Corona Borealis (constellation)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**21 55 Cancri (star in Cancer)**Rating - *Medium*Best seen with - *Naked Eye/Bins*Visibility - *best seen before 1am BST*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**22 The Summer Triangle (asterism)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *after 2am BST at the start of April, after midnight by the end of the month*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**23 Antares (star in Scorpius)**Rating - *Easy*Best seen with - *Naked Eye*Visibility - *after 2am BST at the start of April, after midnight by the end of the month*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**24 The Teapot (asterism)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *rising in the south-southeast at 4:30am at the start of April, low down at 3:30am BST by the end*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**25 Alphard (star in Hydra)**Rating - *Medium*Best seen with - *Naked Eye*Visibility - *visible for most of the night but does set in the early hours*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**26 Coathanger Cluster (asterism)**Rating - *Medium*Best seen with - *Binoculars*Visibility - *early morning*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**27 Double Cluster (open clusters)**Rating - *Easy*Best seen with - *Binoculars*Visibility - *low in the northern part of the sky but visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**28 Cheshire Cat (asterism)**Rating - *Hard*Best seen with - *Binoculars*Visibility - *best seen as soon as the sky darkens - gets harder towards the end of the month*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**29 Garnet Star (variable star)**Rating - *Medium*Best seen with - *Binoculars*Visibility - *Visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**30 Tycho (lunar crater)**Rating - *Easy*Best seen with - *Binoculars*Visibility - *1-12 April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**31 Wild Duck Cluster (open cluster)**Rating - *Medium*Best seen with - *Binoculars*Visibility - *best seen in the early hours before dawn during April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**32 Dumbbell Nebula (planetary nebula)**Rating - *Medium*Best seen with - *Bins./Telescope*Visibility - *best seen in the early hours before dawn during April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**33 Beehive Cluster (open cluster)**Rating - *Easy*Best seen with - *Binoculars*Visibility - *best seen before 1am BST*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**34 Messier 13 (globular cluster)**Rating - *Medium*Best seen with - *Binoculars*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**35 Mizar & Alcor (double star)**Rating - *Easy*Best seen with - *Naked Eye/Bins.*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**36 Titan (moon of Saturn)**Rating - *Medium*Best seen with - *Bins./Telescope*Visibility - *all month, furthest from Saturn on mornings of April 7th, 15th and April 23rd*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**37 La Superba (very red star)**Rating - *Hard*Best seen with - *Bins./Telescope*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**38 North Polar Cap of Mars**Rating - *Medium*Best seen with - *Telescope*Visibility - *Mars is visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**39 Rings of Saturn**Rating - *Easy*Best seen with - *Telescope*Visibility - *Saturn is visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**40 Ring Nebula (planetary nebula)**Rating - *Medium*Best seen with - *Telescope*Visibility - *best seen after midnight at the start of April, or as the sky gets dark by the end of the month*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**41 Sombrero Galaxy (edge on galaxy)**Rating - *Hard*Best seen with - *Telescope*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**42 Iapetus (moon of Saturn)**Rating - *hard*Best seen with - *Telescope*Visibility - *visible all month, furthest from the planet on April 26th (western elongation)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**43 Whirlpool Galaxy (face on galaxy)**Rating - *Medium*Best seen with - *Telescope*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment



**44 Crescent of Venus**Rating - *Easy*Best seen with - *Telescope*Visibility - *Venus is visible during April in the evening twilight after sunset*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**45 Alpine Valley (lunar feature)**Rating - *Easy*Best seen with - *Telescope*Visibility - *1-12 April and 28-30 April (programme submission deadline 24th April)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**46 Clavius (lunar crater)**Rating - *Easy*Best seen with - *Telescope*Visibility - *1-13 April and 30 April (programme submission deadline 24th April)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**47 Artistarchus (lunar crater)**Rating - *Easy*Best seen with - *Telescope*Visibility - *3-16 April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**48 Plato (lunar crater)**Rating - *Easy*Best seen with - *Telescope*Visibility - *1-13 April and 29-30 April (programme submission deadline 24th April)*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**49 Syrtis Major (dark feature on Mars)**Rating - *Hard*Best seen with - *Telescope*Visibility - *1-11 April around midnight BST, 12-17 April around 3am BST*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment

**50** Messier 81 & 82 (pair of galaxies)Rating - *Medium*Best seen with - *Telescope*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**51** Leo Triplet (trio of galaxies)Rating - *Hard*Best seen with - *Telescope*Visibility - *visible all night long*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**52** Lagoon Nebula (emission nebula)Rating - *Medium*Best seen with - *Bins./Telescope*Visibility - *best seen just before the sky starts to brighten with the onset of dawn in the early hours*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**53** Swan Nebula (emission nebula)Rating - *Hard*Best seen with - *Telescope*Visibility - *best seen just before the sky starts to brighten with the onset of dawn in the early hours*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**54** Messier 5 (globular cluster)Rating - *Hard*Best seen with - *Telescope*Visibility - *visible for much of the night*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment**55** Albireo (colourful double star)Rating - *Easy*Best seen with - *Telescope*Visibility - *rises at 11pm BST at the start of the month, visible all night by the end of April*

Comments...

Seen it  Date dd / mm / yy Time hh : mm Equipment