

STAR COUNT 2019 Observing in Richmond Park Until 23rd February 2019

Take this short guide with you!
 You need clear skies, and no moon. The best time to observe is after 19th February when Moon rises later.
 Moon rise on 19th is at 5:30 pm.
 On 20th it is 6:45pm.

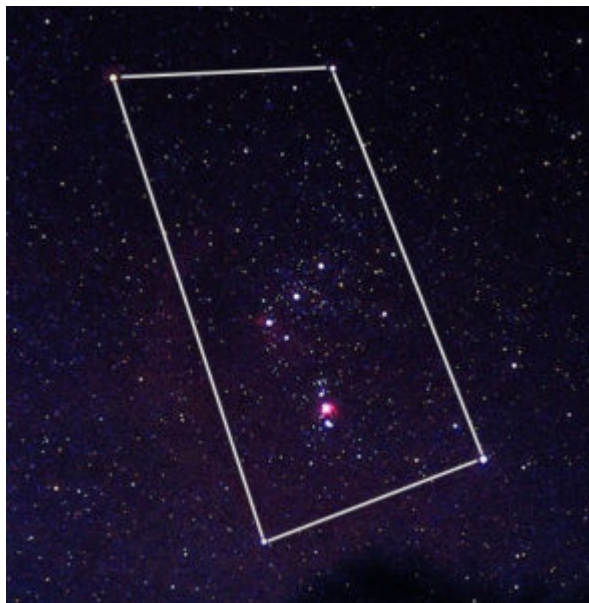
VERY IMPORTANT in February **ALL** the gates close at 8 pm.
You must be out of the Park by then or you will be shut in!

Suggestions about where to observe

By the Cambrian Gate - This is where we normally hold Discoverers night sky activities. Go through the gate and walk straight ahead about 100 meters to a patch of level ground with good views to the south.

By Ham Gate - Walk into the low lying area until you find a spot where Orion is clearly visible.

Anywhere you happen to be during the survey period!



How to observe:

- *Pick a clear night with as few clouds as possible. Go out after 7pm so the sky is really dark.
- * Let your eyes fully adjust to the dark.
- * Locate the Orion constellation. It is almost due south, with its four corners and 'three-star belt'.
- * Count the number of stars you can see within the rectangle made by the four corner stars.
- *Do not count the corners, but you can count the three stars in the middle – the belt.
- * Note how many stars you can see with the naked eye (not with telescopes or binoculars)
- *If you can see less than 10 stars this indicates severe light pollution.
- *Note your results using the form, and submit them online - see below.

Submitting your results See the website for The Campaign to Protect Rural England (CPRE)

<https://www.cpre.org.uk/what-we-do/countryside/dark-skies/star-count-2019>

Click the **SUBMIT YOUR RESULTS** button.

Star Count is a country-wide survey by CPRE (Council for the Protection of Rural England) and BAA (British Astronomical Association).

Table of results

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| Record how many stars you could see: | |
| Date (Sat 2 nd Feb until Sat 23 rd Feb) | |
| Time of your observations | |
| Location: | |
| Any further details about the location? | |
| Note any other comments you have about your view of the night sky when you made your star count. | |

We would like to hear about your results. Send an email to discoverers@frp.org.uk