
Fwd: [ORAS] SeeStar S30 observing - a Lunar Eclipse - Friday March 14th

1 message

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To: Larry McHenry <ismch1977@gmail.com>

Fri, Mar 14, 2025 at 12:20 PM

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Subject:[ORAS] SeeStar S30 observing - a Lunar Eclipse - Friday March 14th
Resent-Date:Fri, 14 Mar 2025 09:17:08 -0700
Resent-From:ismch@comcast.net
Date:Fri, 14 Mar 2025 12:17:04 -0400
From:Larry Mc via groups.io <ismch=comcast.net@groups.io>
Reply-To:ORAS@groups.io
To:oras io group <ORAS@groups.io>, KiskiAstronomers@groups.io <KiskiAstronomers@groups.io>

hi all,
Here's my eclipse results with the SeeStar S30:
(single frames extracted from the below video)





Time-lapse of the March 14th Total Lunar Eclipse:

MP4 version: <https://stellar-journeys.org/gallery/Lunar-Eclipse-03142025.mp4>

lower quality YouTube version: https://youtube.com/shorts/LjU9ean9CuY?si=cln_VX04g3XIYdoz

From around 11:45pm (3/13) to around 6:00am (3/14) with clouds/trees at the end. (Penumbral phase started at 11:57pm, Partial Eclipse at 1:09am, Totality at 2:26am ending at 3:31am, Partial ending at 4:47am, Penumbral done by 6am)

Captured using a SeeStar S30 using a 5 second interval, auto exposure, gain, and tracking. Internal IR filter.

Watch a few seconds in for the penumbral shadow dimming the surface starting on the lower left of the lunar disk soon followed by the full umbral shadow darkening the disk. At totality, the Moon takes on an orange-red color.

During mid-eclipse the video gets a little hurky-jerky due to the SeeStar auto tracking having difficulties keeping the dim Moon centered.

Larry

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