

Lunar Eclipse

Pretoria. May 16th 2022

00h20: "All crisp and clear"

(Canon 1DX3, Canon 600mm f/4.0 lens
with 1.4x T/C: 840 mm f/5.4)



03h45: Clouds potentially bothersome,
but provided for some "aesthetic" effect...



03h56
Cloud iridescence

Canon EOS R5. Canon 25 – 75 mm f/2.8 lens, Canon 200mm f/2.0 lens

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Lunar Eclipse

Pretoria, May 16th 2022

05h44



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Lunar Eclipse
Pretoria, May 16th 2022
05h52



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Lunar Eclipse over Pretoria
May 16th 2022 - at Dawn

06h04

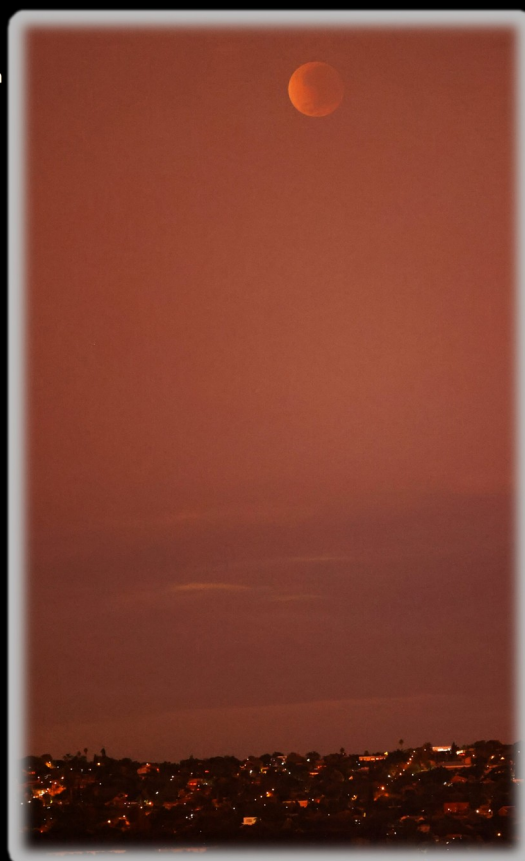
Canon R5,
Canon 200mm
f/2.0 lens



Imaging through an open window –
comfortably warm...
(No complaints from the neighbors yet...)

Images less “crisp”:
Thin clouds and moisture

06h02 Canon R5, Canon 25-75 mm f/2.8 lens



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Lunar Eclipse Pretoria, May 16th 2022

Comparing Exposure Settings
All images: Canon 1DX3 DSLR
Canon 600mm f4.0 lens + 1.4x T/C: 840 mm, f/5.6

**1/500 sec,
ISO 800**



**1/40 sec,
ISO 6400**







**1/2 sec,
ISO 6400**



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Lunar Eclipse Pretoria, May 16th 2022

Time	Phase	Event
03:32 Mon, 16 May		Penumbral Eclipse begins The Earth's penumbra start touching the Moon's face.
04:27 Mon, 16 May		Partial Eclipse begins Partial moon eclipse starts - moon is getting red.
05:29 Mon, 16 May		Total Eclipse begins Total moon eclipse starts - completely red moon.
06:11 Mon, 16 May		Maximum Eclipse Moon is closest to the center of the shadow. Moon close to horizon, so make sure you have free sight to West-southwest.
06:50 Mon, 16 May	Setting	Moonset Setting, but the combination of a very low moon and the total eclipse phase makes the Moon so dim before it sets, that it might disappear from view some time before it sets.
06:53 Mon, 16 May	Not directly visible	Total Eclipse ends Below horizon

(Timeanddate.com/eclipse)

03h32



04h27



05h29



**06h05. Clouds,
thicker atmosphere
and fog interfering...**



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Lunar Eclipse Pretoria, May 16th 2022

The Moon disappeared
behind clouds on the
western horizon before
maximum eclipse was
reached.

Images included
are from
03h30 to 06h05 –
*until clouds,
thicker atmosphere
and fog started
interfering...

Main image:
05h30

All images: Canon 1DX3 DSLR
Canon 600mm f4.0 lens +
1.4x T/C: 840 mm, f/5.6



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