



Macarthur Astronomical Society

Astro Imaging Group (AIG)

June 2026 Target Images

## Leo Triplet

- consists of the spiral galaxies NGC 3628, M66, and M65
- 35 million ly away
- NGC 3628:
  - “Hamburger Galaxy”; unbarred spiral
  - 150,00 ly diameter with 300,000 ly tidal tail
- M66:
  - Intermediate spiral galaxy
  - ~85,200 ly diameter
  - high rate of star formation occurring in the spiral arms
- M65:
  - 113,500 ly diameter
  - low in dust and gas, so little star formation





Greg Bradford

108 x 3mins (5.4 hr)

L-Pro

ASI2600MC

15cm Refractor

Processed entirely in

PixInsight

Pete Elston

Seestar 50  
27 minutes



Seestair 550



Biggles / 150° E, 34° S / 2026.06.07 21:51

NGC 3628

27min





David Meiklejohn

EdgeHD 8 f/7

ASI 2600MC

L-Pro

38 x 60sec gain 300

101 x 60 sec gain 200

90 x 120 sec gain 200

Leo Triplet  
M65, M66, NGC 3628

EdgeHD 8 f/7  
ASI2600MC L-Pro  
9/5/26 38 x 60 sec gain 300  
9/5/26 101 x 60 sec gain 200  
20/5/26 90 x 120 sec gain 200

David Meiklejohn

NGC 3628,  
The Hamburger Galaxy

EdgeHD 8 f/10

ASI 2600MC

Gain 200

L-Pro

93 x 120 sec (3.1hr)

NGC 3628  
"the Hamburger Galaxy"

EdgeHD 8 f/10  
ASI2600MC gain 200  
L-Pro  
7/6/26 93 x 120 sec

Jennie Kidd

Seestar 50  
145 minutes



Seestar 50



150° E, 34° S / 2026.06.07 21:38

M.66

145min

## M83

- Southern Pinwheel Galaxy
- Grand spiral design
- 15 million light years away
- 118,000 ly diameter
- Apparent magnitude 7.5



John Rombi (1)

Exposure time

2 hr 1 min

Processed in Siril







Phil Kidd

130 minutes of 20 second  
subs on Seestar S50 in EQ  
mode.

Stacked in scope (cos I'm  
basically too lazy to do it),  
then processed in Siril and  
Photoshop.

Jennie Kidd

46 minutes. 140 X 20  
second stacked in S50.  
AI denoised in Seestar  
app.





Frank Alvaro

Esprit 120  
ASI2600MM

R, G, B 60 sec.  
(~25 min. each, 1.25 hr  
total)

Luminance 62 x 180 sec  
(3.1 hr)

Ha filter 30 x 180 sec.  
(1.5hr)

David Meiklejohn

EdgeHD 8 f/10  
ASI2600MC gain 200  
L-Pro  
180 x 120 sec  
(6 hr)



Southern Pinwheel Galaxy  
(Messier 83)

EdgeHD 8 f/10  
ASI2600MC 200 gain  
L-Pro  
30-31/5/26 180 x 120 sec