

ObservationReport

all measures in mm

Observation-ID

0439

v 01

on

2026-08-12 19:45

Rating

Status

Published



Main Object

Solar Eclipse

Common Name

Alternate Name

Sonnenfinsternis

Visual Mag. | Size

0,00

Distance

Object R.A. | DEC coord.

Description

Solar Event

Constellation

Other Objects



20260812_Solar-Eclipse_ASI294_0435-194553-0066-01.jpg

StarImage Link

[OID0439](#)

Telescopius Link

Wikipedia Link

Image Properties

Source Format

Photo

Optical Scale ["/px]

0,7347

Tot./Act. Frames/Pane

1

1

Picture Center R.A.

H / V Panes

1

1

Picture Center DEC

Exp. [s] / Frame

1/999,999952502552

FoV measured H/V [°]

0,842

0,573

Total Time / Pane [min]

0,00

0,00

Above horizon [°]

11° 18' 43,2"

View Direction

WNW

Camera Data

ZWO Optical

ASI294MC Pro

ZWOASI294

Camera Angle [°]

92

Pixel Pitch [µm]

4,630

Gain or ISO

0

Camera Temp. °C

26,7

Observation Site

Observation Start

2026-08-12T19:45:53 UTC+/- +1h

Observation End

2026-08-12T19:45:53

Observation Site

DE Göttingen Weende

Site Elevation / Bortle

182

4

Province

NDS

Site Coordinates

9° 56' 11" E; 51° 34' 26" N

Sky & Moon

Sky Index | Total Clouds

4,0

10

%

Moon Rise | Set

SQM | Outside Temp. °C

0

26

Moon Age [d]

0

Moon Phase | % Illum.

?

0

%

Moon ► Target Dist.

UNKNOWN

Optical Configuration

SW1300A294

SW1300ASI294

Lens or Scope

SkyWatcher MC102/1300

Mechanical Focuser

-

Type Of Build

Maksutov Reflector

Electronic Focuser

☐

Brand

SkyWatcher

Focuser Position

0

[mm] 0,00

Additional Optics

-

► Optical Factor

1

Filter

Astrozap Solar

FoL norm|actual [mm]

1300

1300

Diameter [mm]

102

[DawesLimitLink](#)

,91 Arcsec

Aperture / f-stop

12,75

Other Hardware & Software

Guide Scope + Camera

NONE

NONE

Mount

ZWO AM3

GuiderHW

ASIAIR

SessionControl

ASIAIR

GuiderSW

ASIAIR

PostProcessingSW

PI-PixInsight, PI-HT, PI-CT, ThumbsPlus

More ... (see also next page)

Work Folder

[2026\20260812_0439_Solar-Eclipse_Weende](#)

Comment/Title

Flight into the Solar Eclipse 2026

Remarks

This is one of 183 images captured during the 2026 solar eclipse, and it shows an aircraft passing through the eclipse.