

# ObservationReport

ObservationID

0402

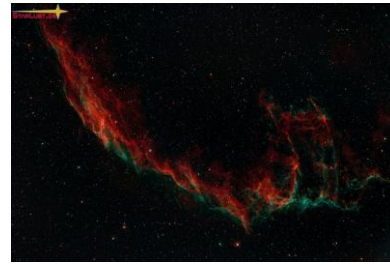
on

2025-09-02 12:00

all measures in mm



| Main Object              | NGC6995                           |
|--------------------------|-----------------------------------|
| Common Name              | Eastern Veil Nebula               |
| Alternate Name           | C33                               |
| Visual Mag.   Size       | 5,00 50'x30'                      |
| Distance                 | 2400                              |
| Object R.A.   DEC coord. | 20h 45m 38.0s +30° 42' 30"        |
| Description              | Bright nebula, Cygnus Loop supern |
| Constellation            | Cygnus                            |
| Other Objects            |                                   |



20250902\_NGC6995\_ASI2600\_0402-01WM.jpg

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| StarImage Link   | <a href="#">OID0402</a>                                                     |
| Telescopius Link | <a href="https://telescopius.com-eastern-ve">telescopius.com-eastern-ve</a> |
| Wikipedia Link   | <a href="https://en.wikipedia.org/wi">https://en.wikipedia.org/wi</a>       |

## Image Properties

| Work Status             | Published   | Rating               | ****        |
|-------------------------|-------------|----------------------|-------------|
| Source Format           | Photo       | Picture Center R.A.  |             |
| Tot./Act. Frames/Pane   | 20 18       | Picture Center DEC   |             |
| H / V Panes             | 1 1         | FoV measured H/V [°] | 1,218 0,814 |
| Exp. [s] / Frame        | 180         | Above horizon [°]    | 0           |
| Total Time / Pane [min] | 54,00 54,00 | View Direction       | N           |
| Camera Data             | ZWO Optical | ASI2600MCAir         | ZWOASI2600  |
| Camera Angle [°]        | 0           | Pixel Pitch [µm]     | 3,761       |
| Gain or ISO             | 100         | Camera Temp. °C      | -10         |

## Observation Site

|                   |                                |                         |                     |
|-------------------|--------------------------------|-------------------------|---------------------|
| Observation Start | 2025-09-02T12:00:28 UTC+/- +1h | Observation End         | 1899-12-30T00:00:00 |
| Observation Site  | DE Göttingen Weende            | Site Elevation / Bortle | 182 4               |
| Province          | NDS                            | Site Coordinates        | 51° 34' N, 9° 56' E |

## Sky & Moon

|                          |                 |                     |         |
|--------------------------|-----------------|---------------------|---------|
| Sky Index   Total Clouds | 2,8 15 %        | Moon Rise   Set     |         |
| SQM   Outside Temp. °C   | 21,07 15        | Moon Age [d]        | 0       |
| Moon Phase   % Illum.    | 1st quarter 0 % | Moon ► Target Dist. | UNKNOWN |

## Optical Configuration

|                   |                            |                                |                           |
|-------------------|----------------------------|--------------------------------|---------------------------|
| Lens or Scope     | TSO RC 203/1624c           | Mechanical Focuser             | M90 TS1624 Crayford (old) |
| Type Of Build     | Ritchey-Chretien Reflector | Electronic Focuser             | <input type="checkbox"/>  |
| Brand             | TS-Optics                  |                                | [mm] 46,46                |
| Additional Optics | M48 0.67 Reducer           | ▶ Optical Factor               | 0,6804                    |
| Filter            | Optolong 2" L-eNhance      | FoL norm actual [mm]           | 1104,9696 1104,97         |
| Diameter [mm]     | 203                        | <a href="#">DawesLimitLink</a> | <u>2,13 Arcsec</u>        |
| Aperture / f-stop | 5,44                       | Optical Scale ["/px]           | 0,702                     |

## Other Hardware & Software

|            |                 |                  |                                                     |
|------------|-----------------|------------------|-----------------------------------------------------|
| GuideScope | ZWO 30/120 mini | Mount            | iOptron iEQ45 Pro                                   |
| GuiderHW   | ASIAIR          | SessionControl   | ASIAIR                                              |
| GuiderSW   | ASIAIR          | PostProcessingSW | PixInsight,<br>BlurXTerminator,<br>NoiseXTerminator |

## More ...

|             |                                                   |
|-------------|---------------------------------------------------|
| Work Folder | <a href="#">2025\20250902_NGC6995_0402_WEENDE</a> |
| Comment     |                                                   |
| Remarks     |                                                   |