

Freconrupt Observatory (67 France)



Patrick Ditz

patrick.ditz@wanadoo.fr

BACKGROUND

SAFGA Strasbourg member (<https://safga.eu/>)

IAS Germany member (<https://www.ias-observatory.org/index.php/en/>)

Private Amateur Observatory, operational since 1999 at Freconrupt near Schirmeck

Operational instrument: T200

New OTA in preparation: Optical Diameter: 540 mm

LOCATION

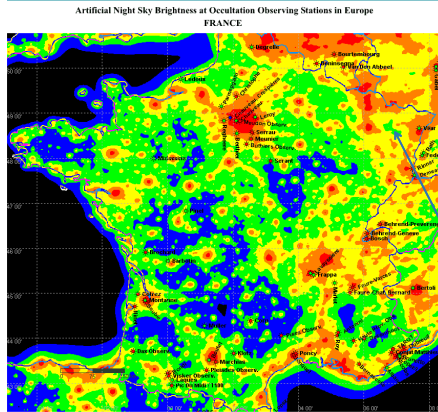
Countryside in the Vosges

Typical seeing: 1,2 - 2 arcsec

SQM Magnitude: 20.8 – 21,3

MPC code: K97 Freconrupt

Location : 48° 28' N, 7° 10' E, alt. 640m



Artificial Night Sky Brightness at Occultation Observing Stations in Europe
FRANCE

Colours correspond to ratios between the artificial sky brightness and the natural sky brightness of:
-0.11 (black), 0.11-0.33 (blue), 0.33-1 (green), 1-3 (yellow), 3-9 (orange), >9 (red)

Map data: P. Karzas, F. Falck (University of Palermo)
C. D. Elvidge (NOAA National Geophysical Data Center, Boulder)
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Station data: Olivier Klein, IOTA-ES

TELESCOPE

Newton OTA: 200mm F/7

Klevtsov TAL-150K: 150mm F/10.3

New OTA: 540mm F/3.7 primary. Installation in progress

Mount: VMA300 from Valmecca (04 Puimichel France)

The observatory can be controlled remotely (with TeamViewer or AnyDesk)

Cameras : Atik 460 EX 2749x2199 Pixel size: 4.54 μm

ZWO 120MM-S 1280 x960 Pixel size: 3.75 μm



RESULTS

46P / Wirtanen

On 2018 Dec 26 22h30 UTC

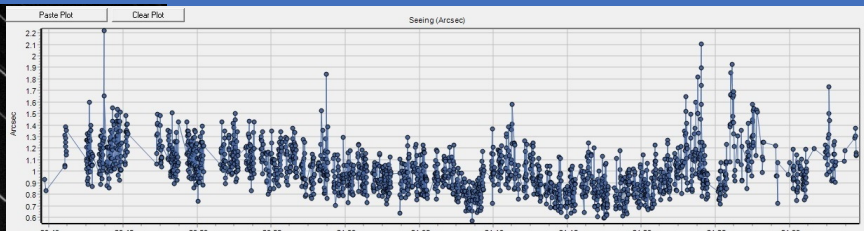
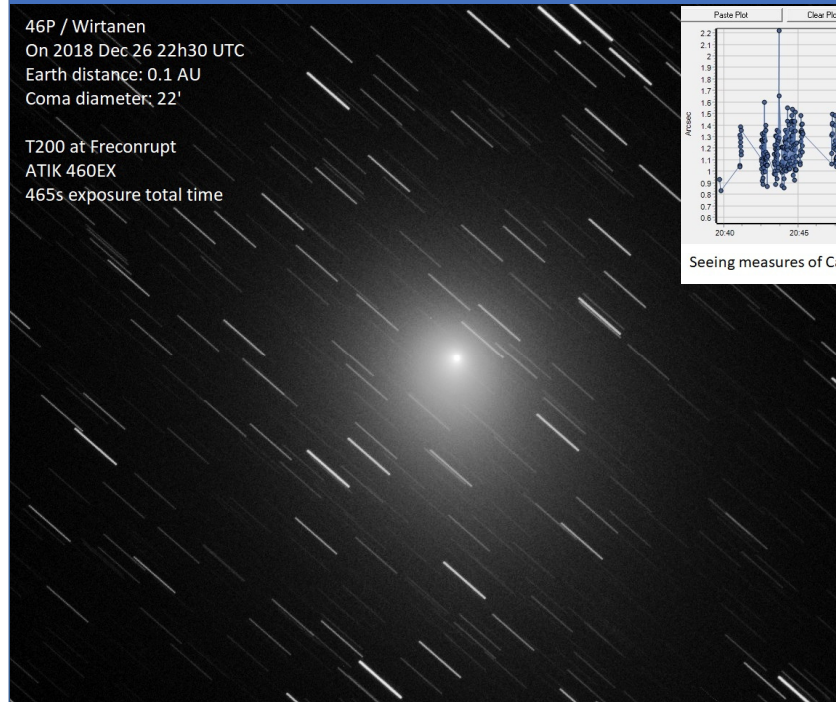
Earth distance: 0.1 AU

Coma diameter: 22'

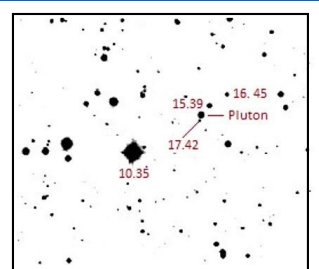
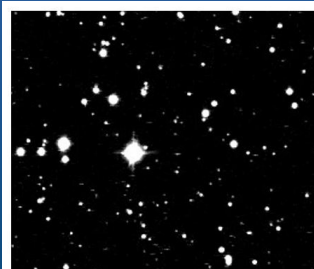
T200 at Freconrupt

ATIK 460EX

465s exposure total time



Seeing measures of Capella on 2016 Dec 17 with TAL-150K using DIMM Seeing Monitor Analyser at Freconrupt Observatory



Pluto field on 2018/09/30. Unfortunately, on 2018 Oct 01, significant cloud coverage preventing the observation of occultation by Pluto. T500 Liebscher Hakos/Namibia

38th European Symposium on Occultation Projects (ESOP)



ESOP XXXVIII
Paris • France

Paris Observatory
August 31st – September 1st
2019