

(12946) Portegieszwart occults TYC 0759-02356-1 on 2025 Nov 29 from 19h26m to 20h02m UT

Katsumasa Hosoi / Miharu, Fukushima

***** Asteroid occultation Report *****

[Date] 2025.11.29 [Approx hour] 19.7
 [Star] J-coords 065017.34+131103.4 VMag=11.56 RMag=10.84
 [Asteroid] (12946)Portegieszwart 18.28 mag.

[Observer] 1: Katsumasa Hosoi 2:
 [Location] Miharu, Fukushima, JP
 [Longitude] 140o26'04.2" E
 [Latitude] 37o25'36.7" N
 [Altitude] 274m
 [Datum] WGS84

[Event time] D: 19h32m08.435s +/- 0.011s (UTC) S/N=10.61 Ctt=49.7
 R: 19h32m08.777s +/- 0.017s (UTC) S/N=10.90 Ctt=63.6
 [Predicted Time error] 0.353 sec [RUWE] 1.10

[Recorded] From 19h30m0s
 To 19h34m20s

[Mag. drop] D: Measured: Mag Drop (measured): 5.71 Mag. ;
 Predicted: Mag Drop (predicted): 6.7 Mag. ;
 R: Measured: Mag Drop (measured): 5.59 Mag. ;
 Predicted: Mag Drop (predicted): 6.7 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 67.0msec , Measure: 67.0msec
 [Setting] Area: 1280x680 ; Binning=2
 Gain: 420 ; Brightness: 110 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Clear
 [Remarks]

[Additional comment]

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