

(8906) Yano occults UCAC4 549-043100 on 2025 Jan 31 from 12h28m to 12h46m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025.1.31 [Approx hour] 12.6
[Star] UCAC4 549-043100 VMag=13.28 RMag=12.55
[Asteroid] (8906)Yano 17.08 mag.

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

[Event time] D: 12h40m06.721s +/- 0.035s (UTC) S/N=5.64 Ctt=8.1
R: 12h40m07.965s +/- 0.030s (UTC) S/N=6.48 Ctt=68.5
[Predicted Time error] 0.412 sec [RUWE] 1.00

[Recorded] From 12h38m0s
To 12h42m20s

[Mag. drop] D: Measured: Mag Drop (measured): 2.52 Mag ;
Predicted: Mag Drop (predicted): 3.8 Mag.
R: Measured: Mag Drop (measured): 2.50 Mag ;
Predicted: Mag Drop (predicted): 3.8 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model= ASI290MM
[Exposure] Set: 197.0msec, Measure: 197msec
[Setting] Area: 1280x680 ; Binning=2
Gain: 440 ; Brightness: 120 ; High Speed Mode: Off
[Time keep] GPS ; Model: GHS-OSD
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Strong flickering Transparency: Thin cloud <2
[Remarks]

[Additional comment]

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