

(45) Eugenia occults UCAC4 533-016768 on 2025 Sep 16 from 18h33m to 18h46m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 9.16 [Approx hour] 18.7
[Star] UCAC4 533-016768 VMag=12.51 RMag=11.87
[Asteroid] (45)Eugenia 13.34 mag.

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

[Predicted Time error] 0.335 sec [RUWE] 1.05

[Recorded] From 18h29m49s
To 18h39m5s

[Mag. drop] D: Measured: ; Predicted:
R: Measured: Mag Drop (measured): 0.28 Mag. ;
Predicted: Mag Drop (predicted): 1.2 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
[Camera] Analog or Digital video, Model= ASI290MM
[Exposure] Set: 124.0msec, Measure: 124msec
[Setting] Area: 1280x680 ; Binning=2
Gain: 400 ; Brightness: 100 ; 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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+140 26 04.2|+37 25 36.7|274| |25|2|a|a</ID>
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<R>18 36 55.1|M|||</R>
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