

(1086) Nata occults UCAC4 605-032653 on 2024 Dec 24 from 11h35m to 11h51m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2024.12.24 [Approx hour] 11.7
 [Star] UCAC4 605-032653 VMag=11.93 RMag=11.34
 [Asteroid] (1086)Nata 13.93 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: 11h47m39.174s +/- 0.016s (UTC) S/N=5.56
 R: 11h47m44.540s +/- 0.016s (UTC) S/N=5.71
 [Predicted Time error] 0.274 sec [RUWE] 0.90

[Recorded] From 11h45m30s
 To 11h49m50s

[Mag. drop] D: Measured: Mag Drop (measured): 2.88 Mag. ;
 Predicted: Mag Drop (predicted): 2.2 Mag. ;
 R: Measured: Mag Drop (measured): 2.84 Mag. ;
 Predicted: Mag Drop (predicted): 2.2 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 90.3msec , Measure: 90.3msec
 [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: Steady Transparency: Clear
 [Remarks]

[Additional comment]

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