

(5652) Amphimachus occults HIP 49143 on 2025 Feb 24 from 14h48m to 14h59m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 2.24 [Approx hour] 14.9
 [Star] HIP 49143 VMag=9.06 RMag=8.62
 [Asteroid] (5652)Amphimachus 17.27 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: 14h53m35.079s +/- 0.022s (UTC) S/N=4.9 Ctt=61.0
 R: 14h53m35.242s +/- 0.092s (UTC) S/N=1.5 Ctt=69.0
 [Predicted Time error] 1.844 sec [RUWE] 0.85

[Recorded] From 14h51m30s
 To 14h55m50s

[Mag. drop] D: Measured: ; Predicted:
 R: Measured: ; Predicted:

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 15.4msec, Measure: 15.4msec
 [Setting] Area: 1448x512 ; 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: Slight flickering Transparency: Clear
 [Remarks]

[Additional comment]

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