

Asteroid Occultation Report

Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date] 2025. 3.17 [Approx hour] 10.1
 [Star] UCAC4 508-042902 VMag=11.18
 RMag=10.36 Alt 65°
 [Asteroid] (881)Athene 17.36 mag.
 Dia=12.4±0.8km Main-belt Asteroid

[Observer] 1: Takeshi Nemoto 2:
 [Location] Tokorozawa,Saitama, JPN
 [Longitude] 139o28'20.0" E
 [Latitude] 35o47'56.2" N
 [Altitude] 74m
 [Datum] WGS84

[Event time] D: 10h58m39.687s +/- 0.114s (UTC)
 S/N=8.94 Ctt=32.1
 R: 10h58m55.180s +/- 0.086s (UTC)
 S/N=10.01
 [Predicted Time error] 1.689 sec [RUWE] 1.05

[Recorded] From 10h58m15s
 To 11h1m15s

[Mag. drop] D: Measured: Mag Drop (measured):
 5.21 Mag. ; Predicted: Mag Drop (predicted): 6.2
 Mag.
 R: Measured: Mag Drop (measured):
 5.36 Mag. ; Predicted: Mag Drop (predicted): 6.2 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=3.1
 [Camera] Analog or Digital video , Model=
 ASI290MM
 [Exposure] Set: 22.7msec, Measure: 22.7msec
 [Setting] Area: 1280x548 ; Binning=2
 Gain: 445 ; Brightness: 140 ; High Speed
 Mode: Off
 [Time keep] GPS ; Model: GT902MGG
 [Evidence] GPS Time Log : Recorded ; Screen shot:
 Recorded

[Condition] Stability: Steady Transparency: Clear
 [Remarks]

[Additional comment]

