

Asteroid Occultation Report

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

[Date] 2026. 1. 5 [Approx hour] 13.6
 [Star] UCAC4 514-009700 VMag=14.26
 RMag=13.57
 [Asteroid] (7551)Edstolper 17.26 mag.
 Dia=20.4±1.6km Outer Main-belt Asteroid

[Observer] 1: Takeshi Nemoto 2:
 [Location] Tama, Tokyo, JP
 [Longitude] 139o27'34.8" E
 [Latitude] 35o38'57.9" N
 [Altitude] 49m
 [Datum] WGS84

[Event time] D: 13h36m33.014s +/- 0.170s (UTC)
 S/N=3.20

R: 13h36m35.689s +/- 0.100s (UTC)

S/N=5.94

[Predicted Time error] 0.213 sec [RUWE] 0.95

[Recorded] From 7h24m30s
 To 13h38m0s

[Mag. drop] D: Measured: Mag Drop (measured):
 3.15 Mag. ; Predicted: Mag Drop (predicted): 3.1
 Mag.

R: Measured: Mag Drop (measured):
 3.35 Mag. ; Predicted: Mag Drop (predicted): 3.1
 Mag.

[Telescope] Aperture: 25cm Type: Newtonian
 F=2.5

[Camera] Analog or Digital video , Model=
 ASI290MM

[Exposure] Set: 253.0msec, Measure: 253msec

[Setting] Area: 800x480 ; Binning=2
 Gain: 450 ; Brightness: 0 ; High Speed
 Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen
 shot: Recorded

[Condition] Stability: Strong flickering

Transparency: Clear

[Remarks]

[Additional comment]

