

Asteroid Occultation Report

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

[Date] 2025. 2.22 [Approx hour] 12.9
 [Star] UCAC4 492-008945 VMag=13.43
 RMag=12.86
 [Asteroid] (3443)Leetsungdao 18.80 mag.
 Dia=8.9±2.2km Mars-crossing Asteroid

[Observer] 1: Takeshi Nemoto 2:
 [Location] Hachioji, Tokyo, JPN
 [Longitude] 139°19'46.8" E
 [Latitude] 35°42'16.9" N
 [Altitude] 98m
 [Datum] WGS84

[Event time] D: 13h04m36.504s +/- 0.041s (UTC)
 S/N=5.94

R: 13h04m37.391s +/- 0.038s (UTC)

S/N=6.44

[Predicted Time error] 0.231 sec [RUWE] 0.95

[Recorded] From 13h3m6s

To 13h6m6s

[Mag. drop] D: Measured: Mag Drop (measured) :
 3.85 Mag. ; Predicted: Mag Drop (predicted): 5.4
 Mag.

R: Measured: Mag Drop (measured) : 3.79

Mag. ; Predicted: Mag Drop (predicted): 5.4 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0

[Camera] Analog or Digital video , Model=
 ASI290MM

[Exposure] Set: 246.0msec, Measure: 246msec

[Setting] Area: 1448x548 ; Binning=2

Gain: 450 ; Brightness: 45 ; High Speed

Mode: Off

[Time keep] GPS ; Model: GT902MGG

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

[Condition] Stability: Slight flickering Transparency:
 Clear

[Remarks]

[Additional comment]

