

# Asteroid Occultation Report

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

[Date ] 2025.12. 4 [Approx hour] 20.8  
 [Star ] UCAC4 417-056415 VMag=11.25  
 RMag=10.53  
 [Asteroid ] (13147)Foglia 19.27 mag.  
 Dia=6.5±0.6km Main-belt Asteroid  
 (#1 Dia=1.36km SP 140.34km, #2 Dia=5.89km)

[Observer ] 1: Takeshi Nemoto 2:  
 [Location ] Tsukuba, Ibaraki, JP  
 [Longitude ] 140o06'15.2" E  
 [Latitude ] 36o10'24.0" N  
 [Altitude ] 22m  
 [Datum ] WGS84

[Event time] D: 20h44m56.760s +/- 0.009s (UTC)  
 S/N=6.09

R: 20h44m56.904s +/- 0.009s (UTC)

S/N=6.27

[Predicted Time error] 0.050 sec [RUWE] 1.05

[Recorded ] From 20h43m27s  
 To 20h46m27s

[Mag. drop ] D: Measured: Mag Drop (measured):  
 10.50 Mag. ; Predicted: Mag Drop (predicted): 8.0  
 Mag.

R: Measured: Mag Drop (measured):  
 10.50 Mag. ; Predicted: Mag Drop (predicted): 8.0  
 Mag.

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

[Camera ] Analog or Digital video , Model=  
 ASI290MM

[Exposure ] Set: 34.4msec, Measure: 34.4msec

[Setting ] Area: 544x548 ; Binning=2  
 Gain: 460 ; Brightness: 47 ; 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]

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