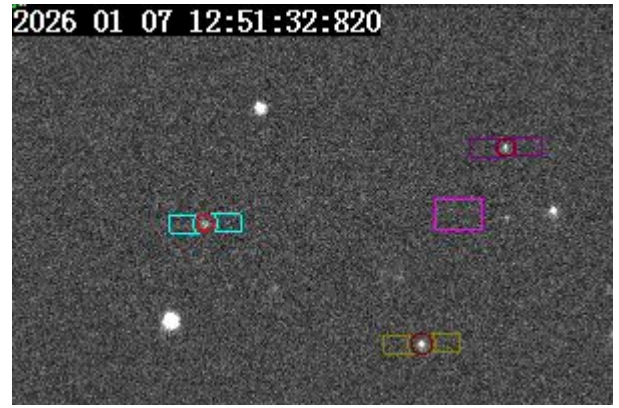


Asteroid Occultation Report

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

[Date] 2026. 1. 7 [Approx hour] 12.8
 [Star] UCAC4 571-029281 VMag=12.73
 RMag=12.16
 [Asteroid] (46050)2001 DM74 19.26 mag.
 Dia=6.7±0.8km Main-belt Asteroid

[Observer] 1: Takeshi Nemoto 2:
 [Location] Yamato, Kanagawa, JP
 [Longitude] 139o27'10.3" E
 [Latitude] 35o26'14.7" N
 [Altitude] 50m
 [Datum] WGS84



[Event time] D: 12h51m32.816s +/- 0.020s (UTC)
 S/N=4.4
 D: 12h51m32.990s +/- 0.019s (UTC)
 S/N=4.5
 R: 12h51m33.093s +/- 0.042s (UTC)
 S/N=4.6 Ctt=77.9
 R: 12h51m33.316s +/- 0.045s (UTC)
 S/N=4.3 Ctt=77.9
 [Predicted Time error] 1.136 sec [RUWE] 0.95

[Recorded] From 12h50m5s
 To 12h52m51s

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

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

[Camera] Analog or Digital video , Model=
 ASI290MM

[Exposure] Set: 82.8msec, Measure: 82.8msec

[Setting] Area: 600x400 ; Binning=2
 Gain: 460 ; Brightness: 92 ; 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]

