

# Asteroid Occultation Report Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date ] 2025. 2.22 [Approx hour] 18.4  
 [Star ] UCAC4 392-058875 VMag=11.86  
 RMag=11.35  
 [Asteroid ] (9203)Myrtus 17.78 mag.  
 Dia=18.2±1.8km Main-belt 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: 18h18m17.673s +/- 0.016s (UTC)  
 S/N=6.99  
 R: 18h18m19.988s +/- 0.020s (UTC)  
 S/N=5.55  
 [Predicted Time error] 0.558 sec [RUWE] 1.00

[Recorded ] From 18h17m21s  
 To 18h20m1s

[Mag. drop ] D: Measured: Mag Drop (measured ):  
 5.76 Mag. ; Predicted: Mag Drop (predicted): 5.9  
 Mag.  
 R: Measured: Mag Drop (measured ):  
 5.41 Mag. ; Predicted: Mag Drop (predicted): 5.9 Mag.

[Telescope ] Aperture: 25cm Type: Newtonian F=4.0  
 [Camera ] Analog or Digital video , Model=  
 ASI290MM  
 [Exposure ] Set: 55.8msec, Measure: 55.8msec  
 [Setting ] Area: 1600x548 ; Binning=2  
 Gain: 450 ; Brightness: 152 ; 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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