

(2218) Wotho okults UCAC4 339-172856 on 2025 Jun 4 from 17h10m to 17h22m UT

Katsumasa Hosoi / Miharu, Fukushima

\*\*\*\*\* Asteroid occultation Report \*\*\*\*\*

[Date ] 2025. 6. 4 [Approx hour] 17.3  
 [Star ] UCAC4 339-172856 VMag=13.42 RMag=12.63  
 [Asteroid ] (2218)Wotho 16.68 mag.

[Observer ] 1: Katsumasa Hosoi 2:  
 [Location ] Miharu, Fukushima, JP  
 [Longitude ] 140o26'04.2" E  
 [Latitude ] 37o25'36.7" N  
 [Altitude ] 274m  
 [Datum ] WGS84

[Event time] D: 17h11m50.423s +/- 0.053s (UTC) S/N=4.84  
 R: 17h11m51.723s +/- 0.032s (UTC) S/N=7.74 Ctt=67.2  
 [Predicted Time error] 0.299 sec [RUWE] 1.00

[Recorded ] From 17h9m40s  
 To 17h14m0s

[Mag. drop] D: Measured: Mag Drop (measured): 3.24 Mag. ;  
 Predicted: Mag Drop (predicted): 3.3 Mag.  
 R: Measured: Mag Drop (measured): 3.21 Mag. ;  
 Predicted: Mag Drop (predicted): 3.3 Mag.

[Telescope ] Aperture: 25cm Type: Newtonian F=4.0  
 [Camera ] Analog or Digital video , Model= ASI290MM  
 [Exposure ] Set: 246.0msec, Measure: 246msec  
 [Setting ] Area: 1280x680 ; Binning=2  
 Gain: 410 ; Brightness: 95 ; High Speed Mode: Off  
 [Time keep ] GPS ; Model: GHS-OSD  
 [Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded

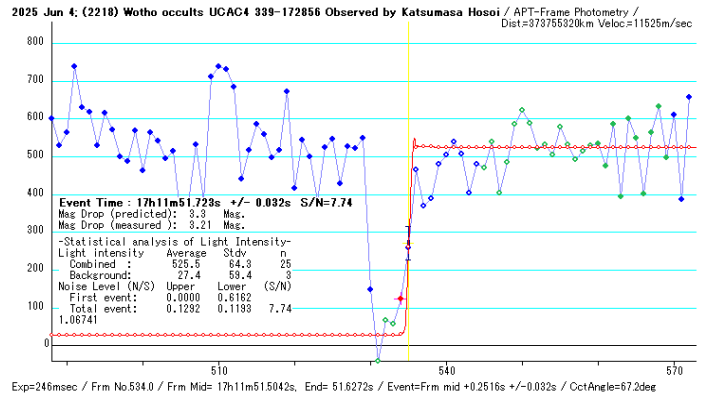
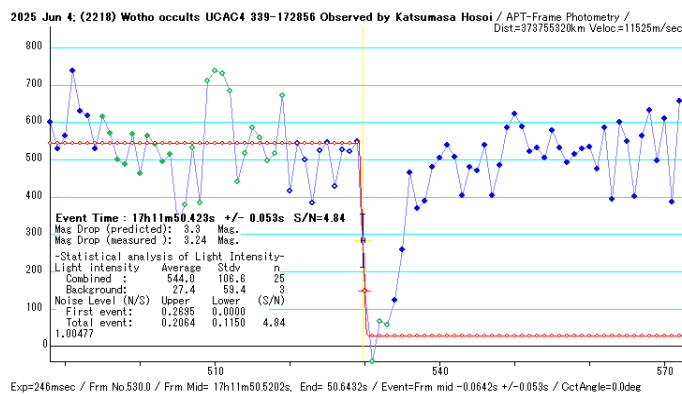
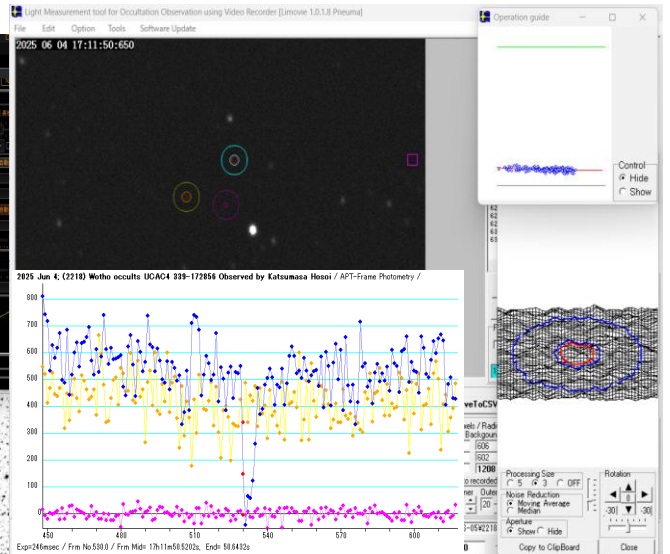
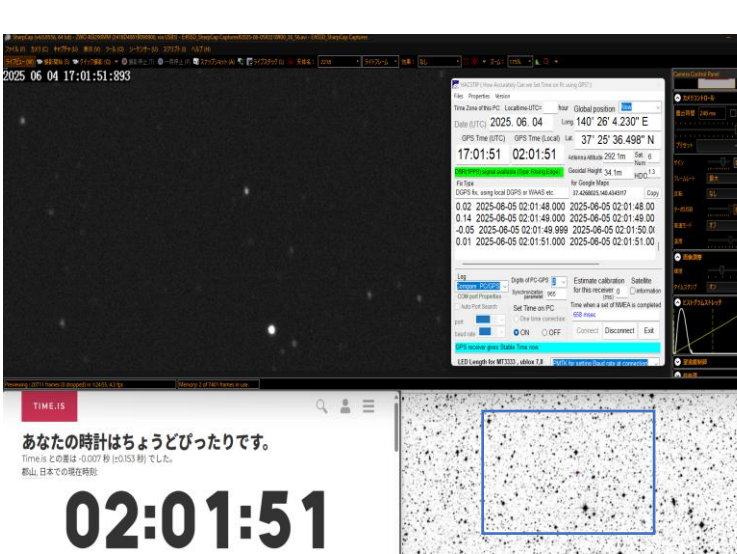
[Condition ] Stability: Slight flickering Transparency: Clear  
 [Remarks ]

[Additional comment]

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