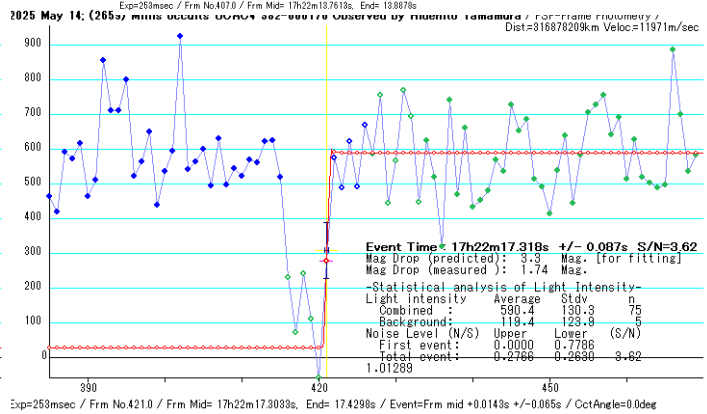
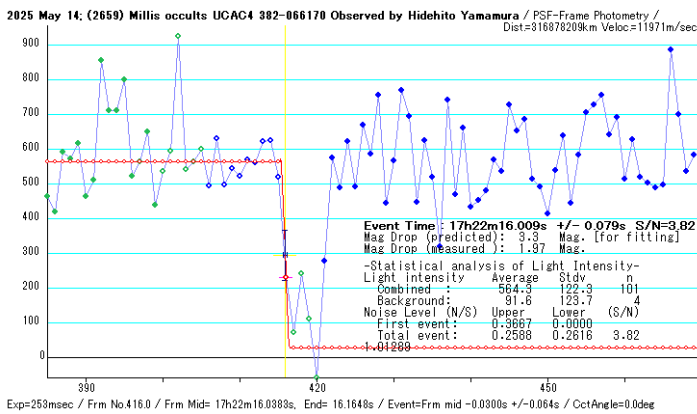
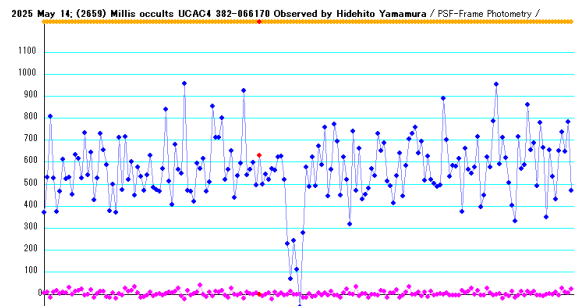
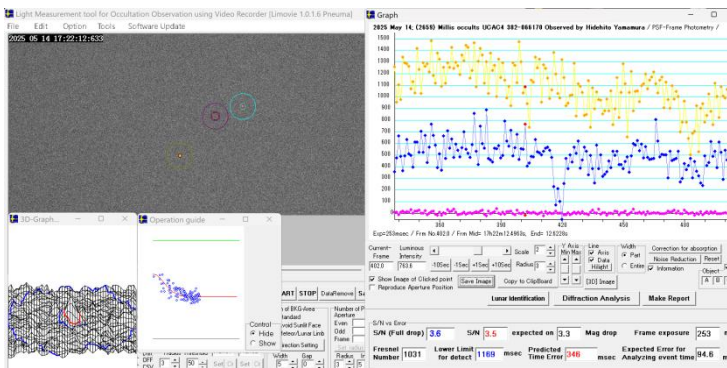


# 20250514\_(2659)Millis Occults UCAC4 382-066170

Hidehito Yamamura



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

[Date ] 2025. 5.14 [Approx hour] 17.4  
 [Star ] UCAC4 382-066170 VMag=12.94 RMag=12.53  
 [Asteroid ] (2659)Millis 16.23 mag.  
 [Observer ] 1: Hidehito Yamamura 2:  
 [Location ] Turuga, Fukui, JP  
 [Longitude ] 136o03'49.0" E  
 [Latitude ] 35o39'36.1" N  
 [Altitude ] 3m  
 [Datum ] WGS84  
 [Event time] D: 17h22m16.009s +/- 0.079s (UTC) S/N=3.82  
 R: 17h22m17.318s +/- 0.087s (UTC) S/N=3.62  
 [Predicted Time error] 0.346 sec [RUWE] 0.95  
 [Recorded ] From 17h20m31s  
 To 17h23m52s

[Mag. drop ]  
 D: Measured: Mag Drop (measured): 1.97 Mag. ; Predicted: Mag Drop (predicted): 3.3 Mag. [for fitting]  
 R: Measured: Mag Drop (measured): 1.74 Mag. ; Predicted: Mag Drop (predicted): 3.3 Mag. [for fitting]  
 [Telescope ] Aperture: 20cm Type: SCT F=3.3  
 [Camera ] Analog or Digital video , Model= ASI290MM  
 [Exposure ] Set: 253.0msec, Measure: 253msec  
 [Setting ] Area: 1520x708 ; Binning=2  
 Gain: 441 ; Brightness: 0 ; High Speed Mode: Off  
 [Time keep ] GPS ; Model: GT902MGG  
 [Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded  
 [Condition ] Stability: Slight flickering Transparency: Thin cloud <2  
 [Remarks ]  
 [Additional comment]

減光時4frameのステップが見られる(1.5/3.3等)が、最減光部は1frameのみで、seeing、透明度とも悪く、確実なステップかどうか判断しにくく、ステップを無視して解析した。Magdrop使用

\*\*\*\*\*

個別の解析図、xmlファイル、Light CurveTextファイル等は以下にあります。  
<https://u.pcloud.link/publink/show?code=kZuR8h5ZECaaPSKOU1jIwJ81pzbBAHFx9ifk>

