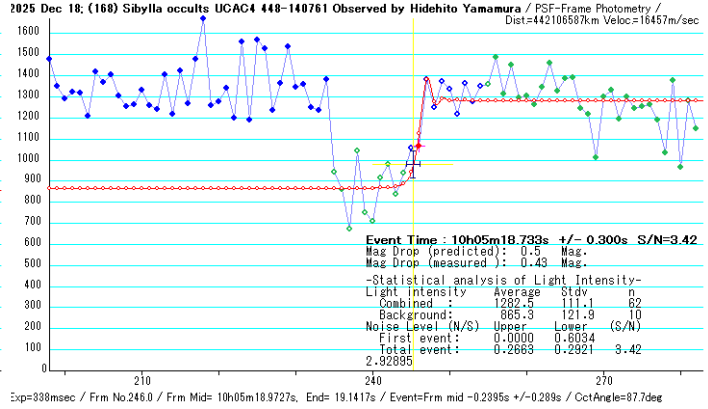
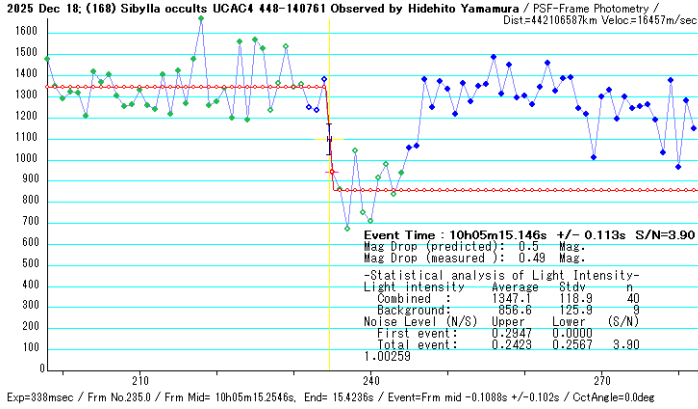
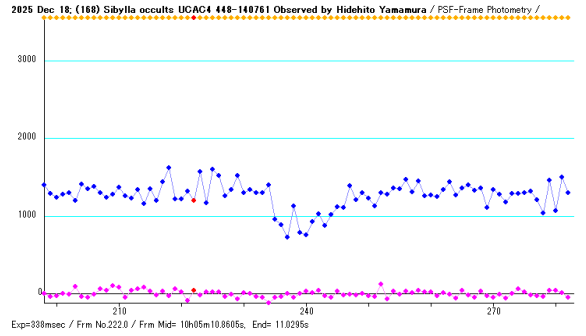
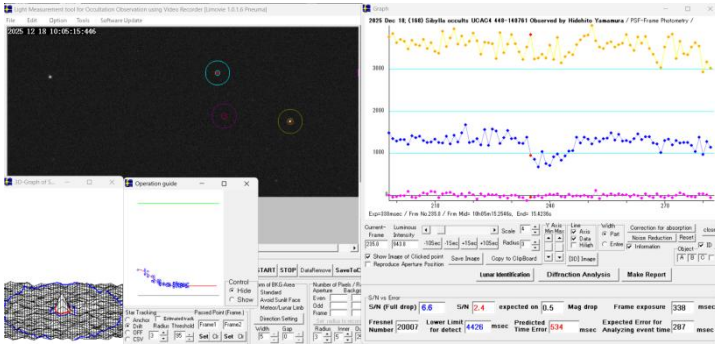


# 20251218\_(168)Sibylla Occults UCAC4 448-140761

Hidehito Yamamura



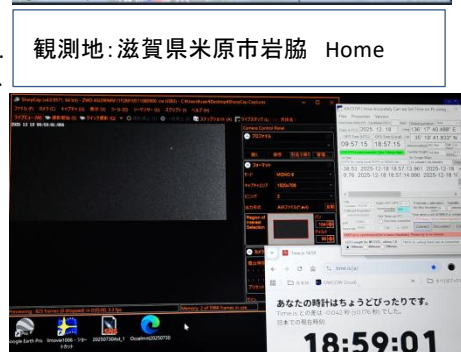
\*\*\*\*\* Asteroid occultation Report \*\*\*\*\*

[Date ] 2025.12.18 [Approx hour] 10.0  
 [Star ] UCAC4 448-140761 VMag=14.74 RMag=14.20  
 [Asteroid ] (168)Sibylla 14.04 mag.  
 [Observer ] 1: Hidehito Yamamura 2:  
 [Location ] Maibar, Shiga, JP  
 [Longitude ] 136o17'40.4" E  
 [Latitude ] 35o19'41.8" N  
 [Altitude ] 93m  
 [Datum ] WGS84  
 [Event time] D: 10h05m15.146s +/- 0.113s (UTC) S/N=3.90  
 R: 10h05m18.733s +/- 0.300s (UTC) S/N=3.42 Ctt=87.7  
 [Predicted Time error] 0.534 sec [RUWE] 1.05  
 [Recorded ] From 10h3m56s  
 To 10h7m1s

[Mag. drop ]  
 D: Measured: Mag Drop (measured) : 0.49 Mag. ; Predicted: Mag Drop (predicted): 0.5 Mag.  
 R: Measured: Mag Drop (measured) : 0.43 Mag. ; Predicted: Mag Drop (predicted): 0.5 Mag.

[Telescope ] Aperture: 20cm Type: SCT F=3.3  
 [Camera ] Analog or Digital video , Model= ASI290MM  
 [Exposure ] Set: 338.0msec, Measure: 338msec  
 [Setting ] Area: 1520x708 ; Binning=2  
 Gain: 422 ; Brightness: 62 ; High Speed Mode: Off  
 [Time keep ] GPS ; Model: GT902MGG  
 [Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded  
 [Condition ] Stability: Steady Transparency: Clear  
 [Remarks ]

[Additional comment]  
 復光部に2frameの中間値があるよう見え、For Grazing でFit.  
 \*\*\*\*\*



個別の解析図、xmlファイル、Light Curve、Textファイル等は以下にあります。  
<https://u.pcloud.link/publink/show?code=kZkOzx5Zg7zfn44O85bYwtvq57Wd5pfcQ2K7>