

(20210) 1997GQ7 occults UCAC4 344-078586 on 2025 Mar 9 from 19h22m to 19h43m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date ] 2025. 3. 9 [Approx hour] 19.5  
 [Star ] UCAC4 344-078586 VMag=13.22 RMag=12.46  
 [Asteroid ] (20210)1997 GQ7 18.17 mag.

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

[Event time ] D: 19h24m13.523s +/- 0.064s (UTC) S/N=4.03  
 R: 19h24m16.987s +/- 0.039s (UTC) S/N=6.51  
 [Predicted Time error] 0.228 sec [RUWE] 1.10

[Recorded ] From 19h22m5s  
 To 19h26m26s

[Mag. drop ] D: Measured: Mag Drop (measured): 3.03 Mag. ;  
 Predicted: Mag Drop (predicted): 5.0 Mag. ;  
 R: Measured: Mag Drop (measured): 3.80 Mag. ;  
 Predicted: Mag Drop (predicted): 5.0 Mag. ;

[Telescope ] Aperture: 25cm Type: Newtonian F=4.0  
 [Camera ] Analog or Digital video , Model= ASI290MM  
 [Exposure ] Set: 197.0msec, Measure: 197msec  
 [Setting ] Area: 1280x680 ; Binning=2  
 Gain: 460 ; Brightness: 140 ; High Speed Mode: Off

[Time keep ] GPS ; Model: GHS-OSD  
 [Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded

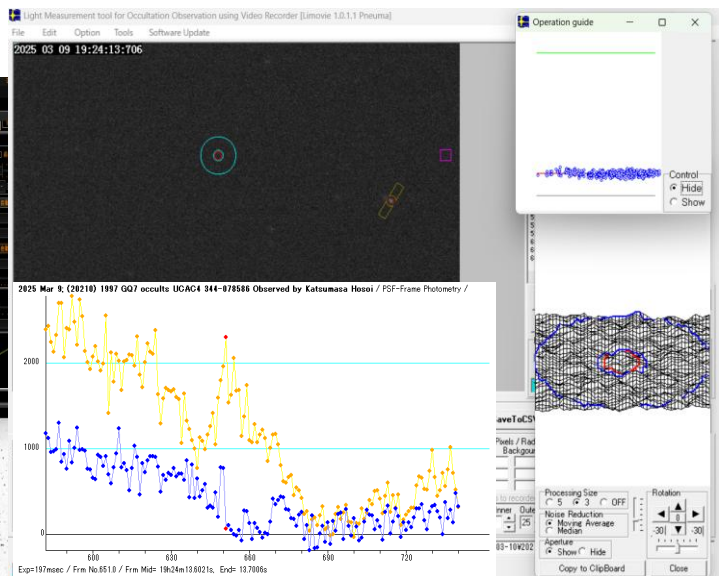
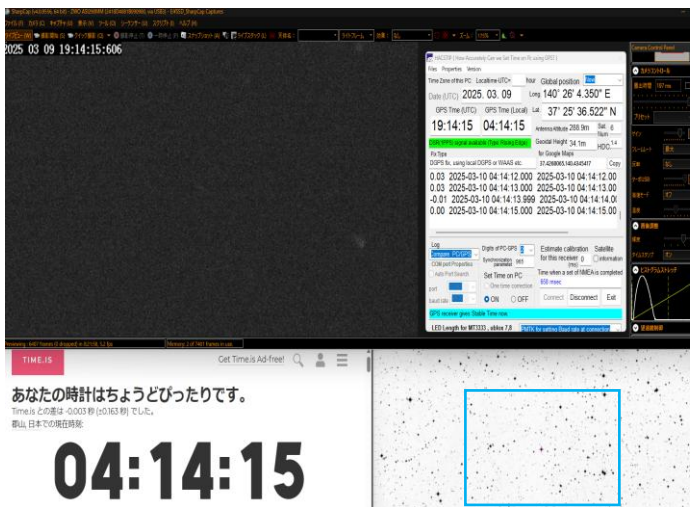
[Condition ] Stability: Strong flickering Transparency: Broken cloud  
 [Remarks ]

[Additional comment]

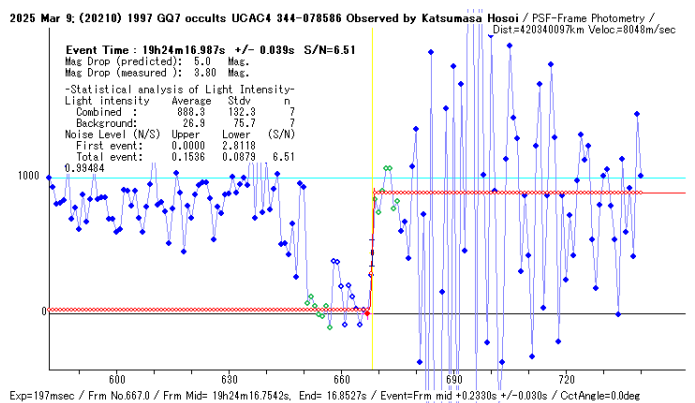
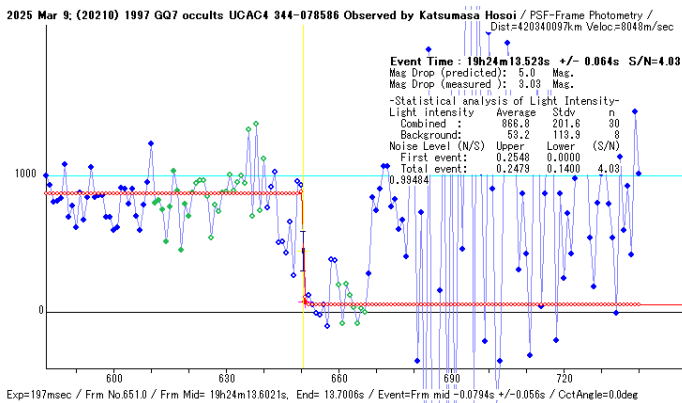
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+140 26 04.2|+37 25 36.7|274| |25|2|a|a</ID>
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Correction for absorption 適用にて解析



— 以上 —