

(12886) 1998QG35 occults UCAC4 279-110710 on 2025 Jul 31 from 12h21m to 12h49m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 7.31 [Approx hour] 12.6
 [Star] UCAC4 279-110710 VMag=14.16 RMag=12.87
 [Asteroid] (12886)1998 QG35 18.15 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: 12h48m14.067s +/- 0.068s (UTC) S/N=4.19
 R: 12h48m14.650s +/- 0.105s (UTC) S/N=3.30
 [Predicted Time error] 101.238 sec [RUWE] 0.90

[Recorded] From 12h46m5s
 To 12h50m25s

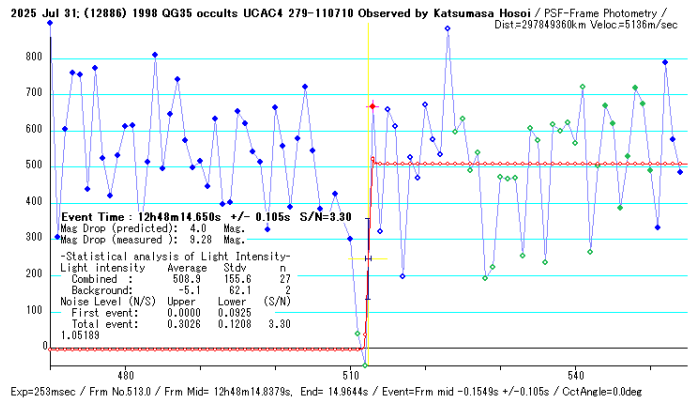
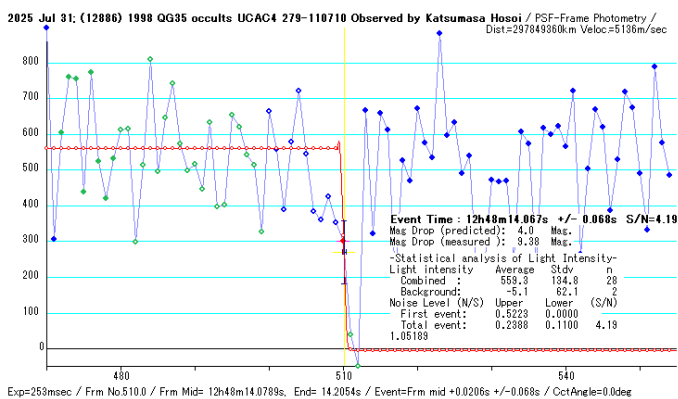
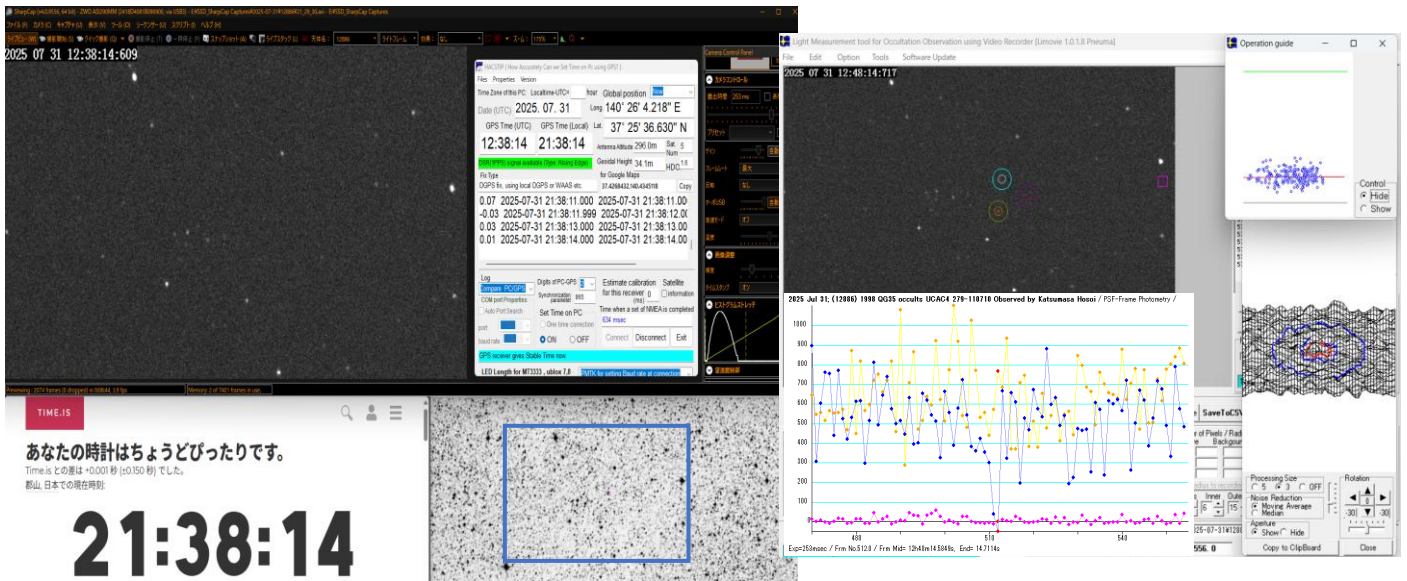
[Mag. drop] D: Measured: Mag Drop (measured): 9.38 Mag ;
 Predicted: Mag Drop (predicted): 4.0 Mag ;
 R: Measured: Mag Drop (measured): 9.28 Mag ;
 Predicted: Mag Drop (predicted): 4.0 Mag ;

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 253.0msec, Measure: 253msec
 [Setting] Area: 1280x680 ; Binning=2
 Gain: 450 ; Brightness: 70 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Star faint
 [Remarks]

[Additional comment]

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