

(7190) 1993GB1 occults UCAC4 346-140047 on 2025 Aug 29 from 12h31m to 12h47m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date ] 2025. 8.29 [Approx hour] 12.6  
 [Star ] UCAC4 346-140047 VMag=12.39 RMag=11.36  
 [Asteroid ] (7190)1993 GB1 17.43 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: 12h43m59.527s +/- 0.026s (UTC) S/N=5.25  
 R: 12h44m00.113s +/- 0.021s (UTC) S/N=6.75  
 [Predicted Time error] 0.060 sec [RUWE] 0.95

[Recorded ] From 12h41m50s  
 To 12h46m10s

[Mag. drop] D: Measured: Mag Drop (measured): 8.87 Mag. ;  
 Predicted: Mag Drop (predicted): 5.1 Mag. ;  
 R: Measured: Mag Drop (measured): 8.96 Mag. ;  
 Predicted: Mag Drop (predicted): 5.1 Mag.

[Telescope ] Aperture: 25cm Type: Newtonian F=4.0  
 [Camera ] Analog or Digital video , Model= ASI290MM  
 [Exposure ] Set: 112.0msec, Measure: 112msec  
 [Setting ] Area: 1280x680 ; Binning=2  
 Gain: 410 ; 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: Clear  
 [Remarks ]

[Additional comment]

<Observations>

<Event>

<Date>2025|8|29|12.6</Date>

<Details>

<Star>UCAC4|346-140047|0||0.000000000|0.000000000|0.00|0.00|0.00|  
 0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>  
 <Asteroid>7190|1993 GB1|0.00000000|0.00000000|0.00000000|0.00000000|  
 0.00000000|0.00000000|1.00000|0.00000|0.01|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Katsumasa Hosoi||0|Miharu, Fukushima|JP|  
 +140 26 04.2|+37 25 36.7|274| |25|2|ala</ID>

<Conditions>2|1|6.00|</Conditions>

<D>12 43 59.527|D|0.026||| </D>

<R>12 44 0.113|R|0.021||| </R>

</Observer>

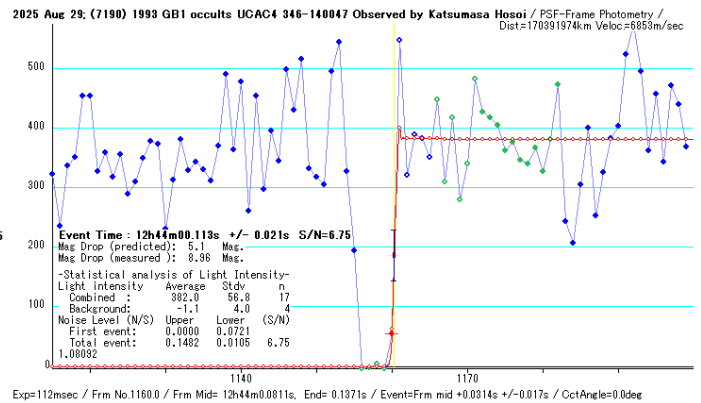
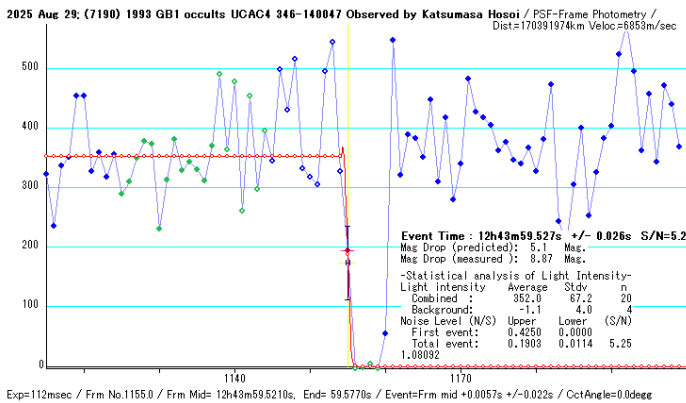
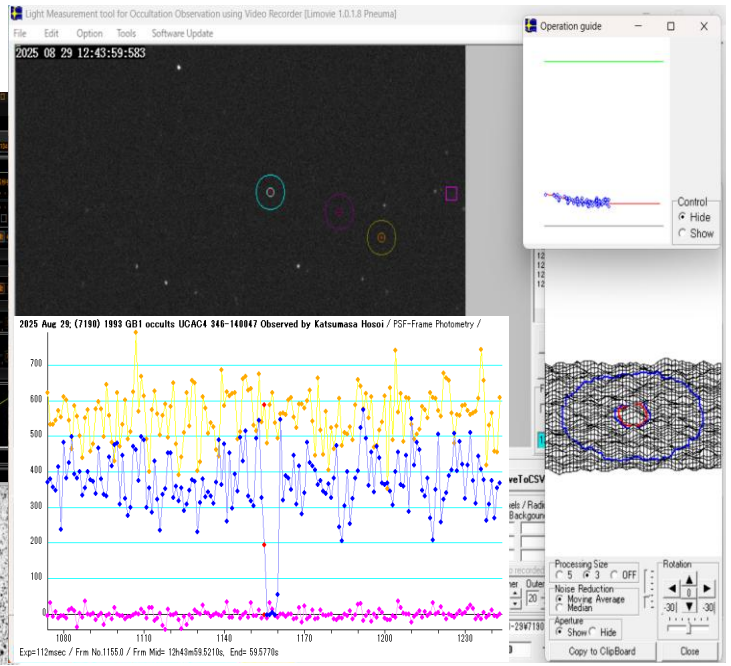
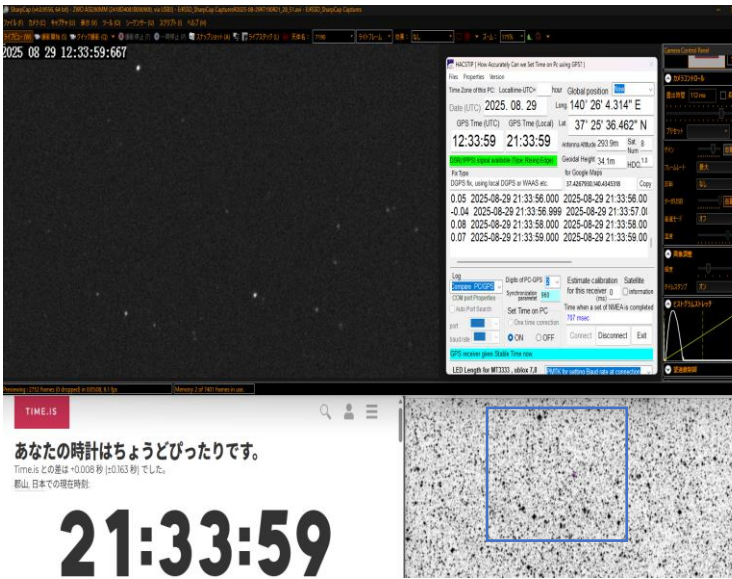
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<LastEdited>2023|7|17</LastEdited>

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