

(40151) 1998QO75 occults UCAC4 560-001801 on 2025 Oct 29 from 15h37m to 15h55m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025.10.29 [Approx hour] 15.8
 [Star] UCAC4 560-001801 VMag=12.64 RMag=12.15
 [Asteroid] (40151)1998 QO75 18.06 mag.

[Observer] 1: Katsumasa Hosoi 2:
 [Location] Miharu, Fukushima, JP
 [Longitude] 140°26'04.2" E
 [Latitude] 37°25'36.7" N
 [Altitude] 274m
 [Datum] WGS84

[Event time] D: 15h40m31.936s +/- 0.013s (UTC) S/N=5.73 Ctt=1.3
 R: 15h40m32.258s +/- 0.012s (UTC) S/N=8.20 Ctt=66.0
 [Predicted Time error] 0.223 sec [RUWE] 0.95

[Recorded] From 15h38m30s
 To 15h42m50s

[Mag. drop] D: Measured: Mag Drop (measured): 4.81 Mag. ;
 Predicted: Mag Drop (predicted): 5.4 Mag.
 R: Measured: Mag Drop (measured): 4.78 Mag. ;
 Predicted: Mag Drop (predicted): 5.4 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video, Model= ASI290MM
 [Exposure] Set: 77.3msec, Measure: 77.3msec
 [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: Slight flickering Transparency: Clear
 [Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2025|10|29|15.8</Date>

<Details>

<Star>UCAC4|560-001801|0||0.000000000|0.00000000|0.00|0.00|0.00|0|

0.0000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>40151|1998 QO75|0.00000000|0.00000000|0.0000000|0.0000000|

0.0000000|0.0000000|1.00000|0.00000|0.0|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|1a|a</ID>

<Conditions>2|1|6.96||</Conditions>

<D>15 40 31.936|D|0.013|| </D>

<R>15 40 32.258|R|0.012|| </R>

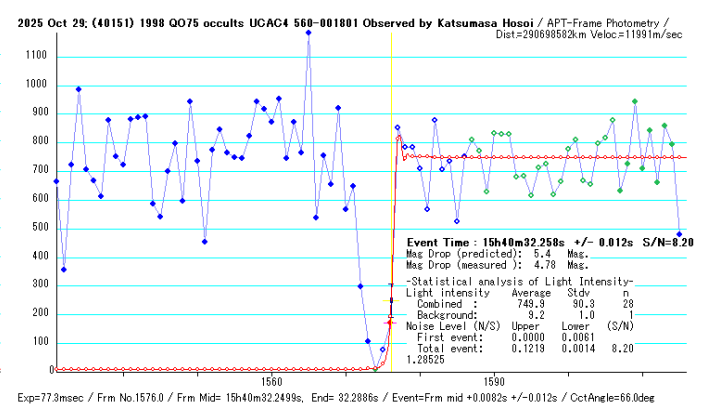
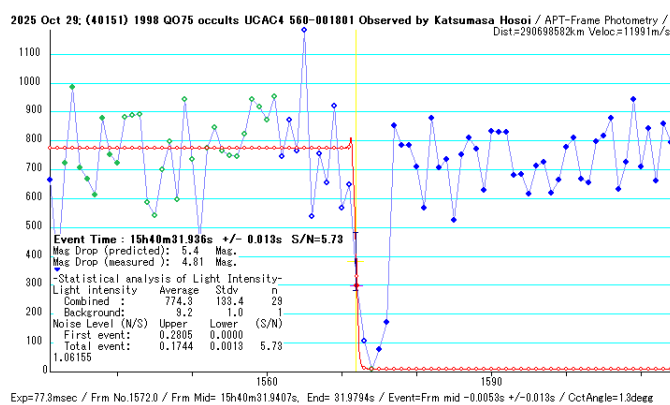
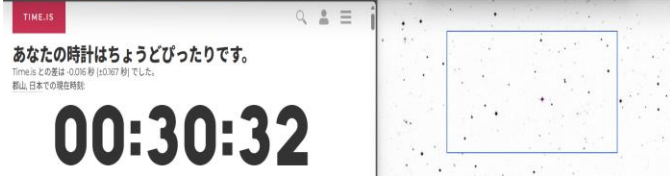
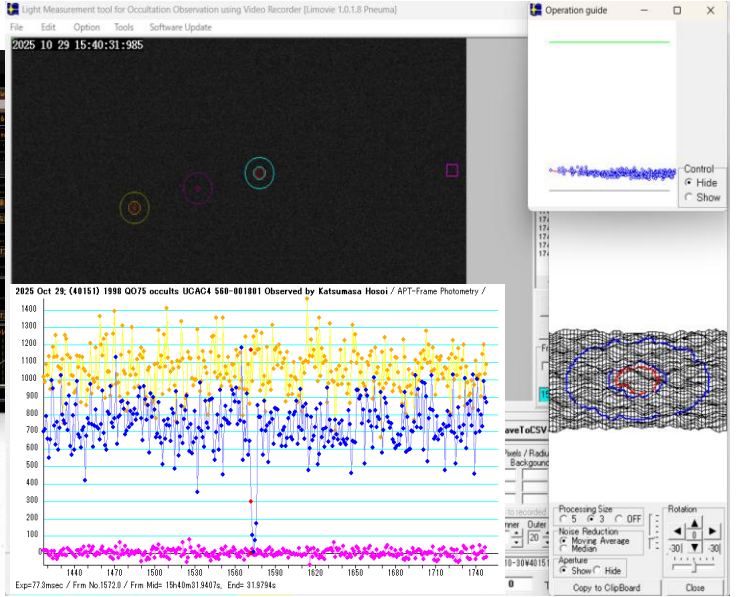
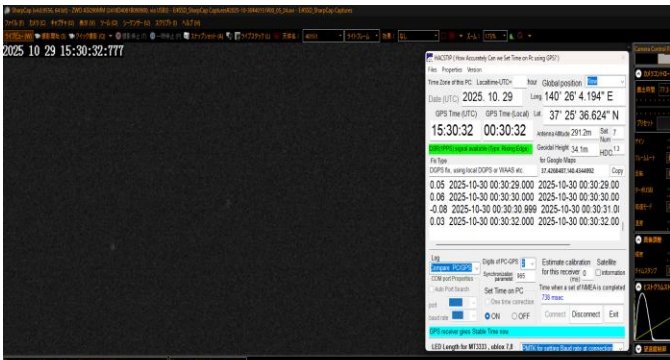
</Observer>

</Observations>

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

</Event>

</Observations>



— 以上 —