

(111265) 2001XC29 occults UCAC4 307-266710 on 2025 Oct 17 from 10h03m to 10h13m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025.10.17 [Approx hour] 10.1
[Star] UCAC4 307-266710 VMag=12.59 RMag=11.84
[Asteroid] (111265)2001 XC29 20.29 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: 10h11m35.833s +/- 0.016s (UTC) S/N=5.38 Ctt=50.4
R: 10h11m35.908s +/- 0.016s (UTC) S/N=5.33 Ctt=9.9
[Predicted Time error] 0.206 sec [RUWE] 1.00

[Recorded] From 10h9m30s
To 10h13m50s

[Mag. drop] D: Measured: Mag Drop (measured): 3.00 Mag. ;
Predicted: Mag Drop (predicted): 7.7 Mag. [for fitting]
R: Measured: Mag Drop (measured): 2.98 Mag. ;
Predicted: Mag Drop (predicted): 7.7 Mag. [for fitting]

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
[Camera] Analog or Digital video, Model= ASI290MM
[Exposure] Set: 83.8msec, Measure: 83.8msec
[Setting] Area: 1280x680 ; Binning=2
Gain: 460 ; Brightness: 120 ; 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|17|10.1</Date>

<Details>

<Star>UCAC4|307-266710|0||0.000000000|0.00000000|0.00|0.00|
0.00|0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>

<Asteroid>111265|2001 XC29|0.00000000|0.00000000|0.00000000|0.00000000|
0.00000000|0.00000000|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|ala</ID>

<Conditions>2|1|5.36||</Conditions>

<D>10 11 35.833|D|0.016||| </D>

<R>10 11 35.908|R|0.016||| </R>

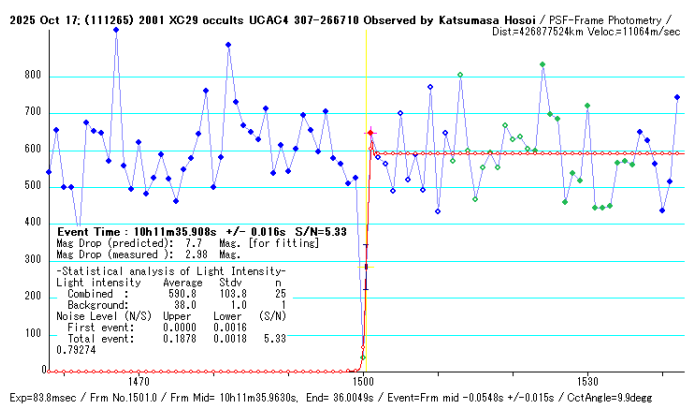
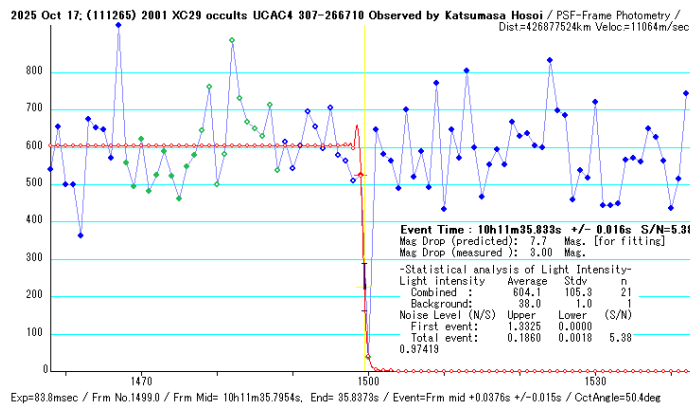
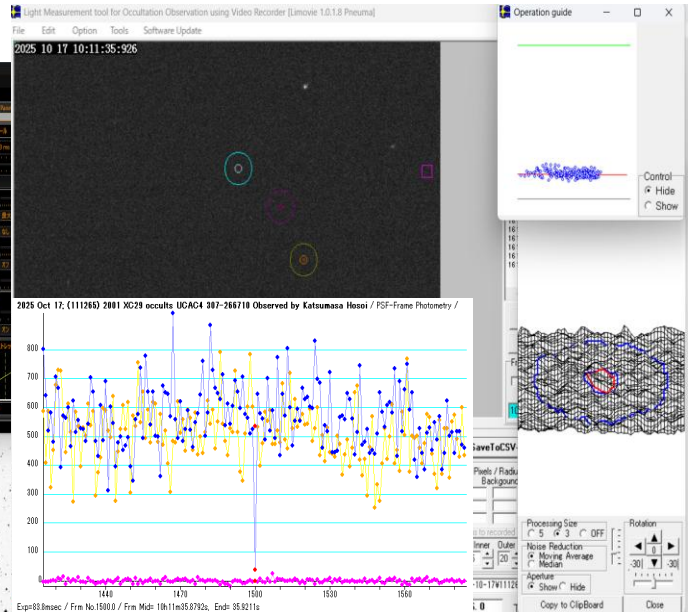
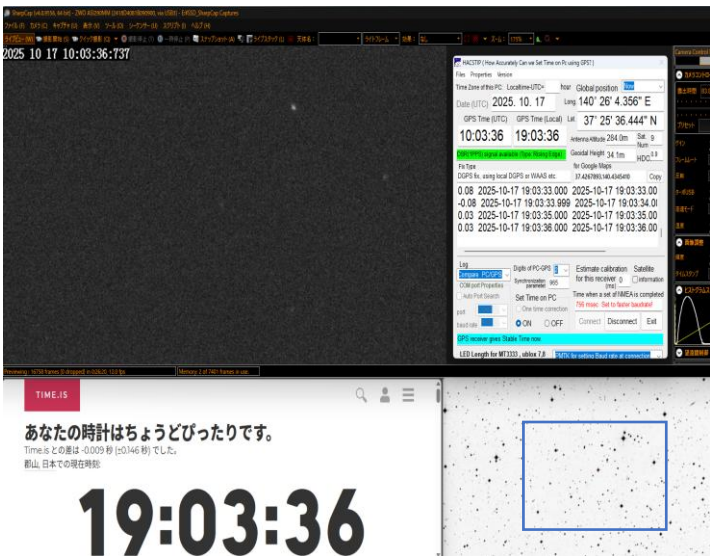
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<LastEdited>2023|7|17</LastEdited>

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