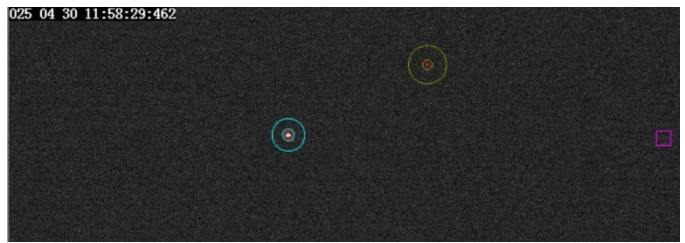
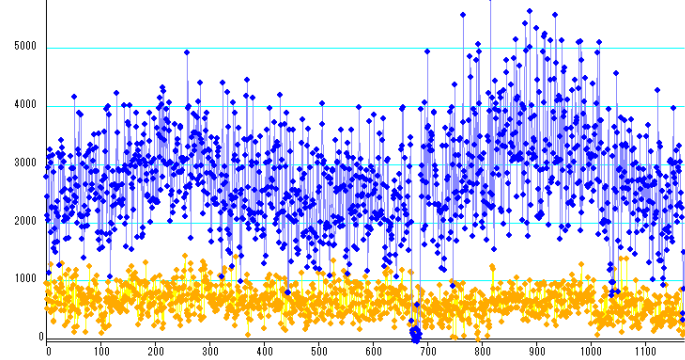
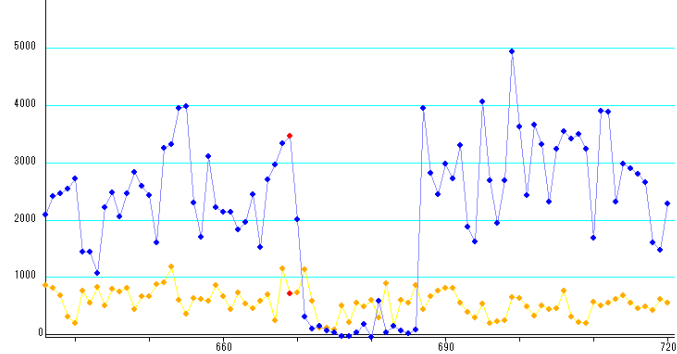


/ PSF-Frame Photometry /

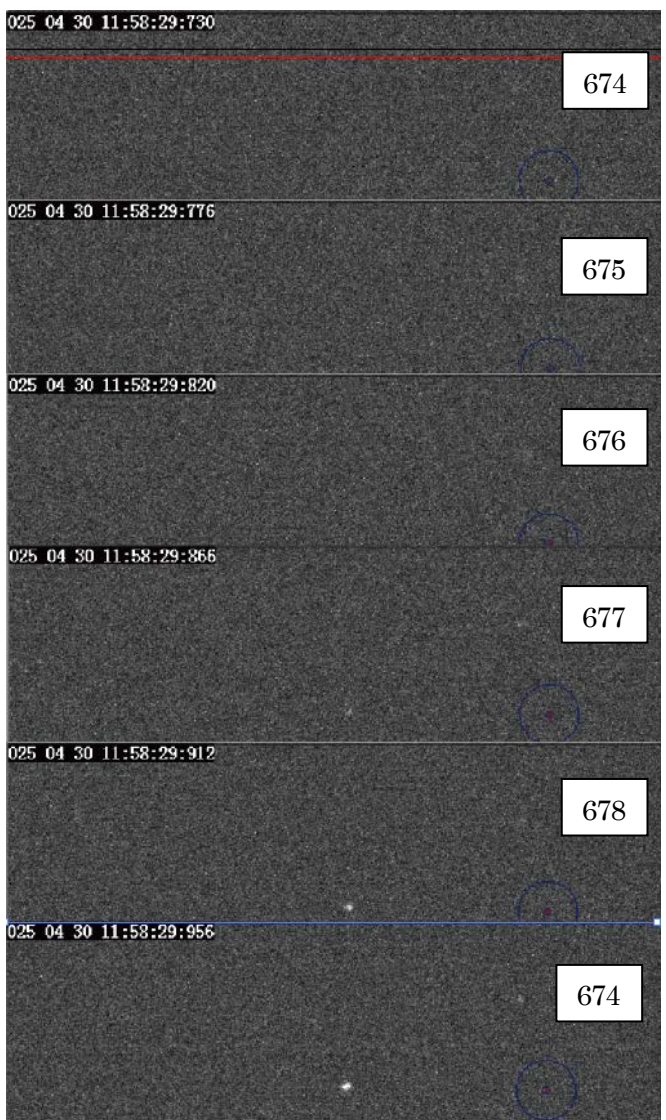
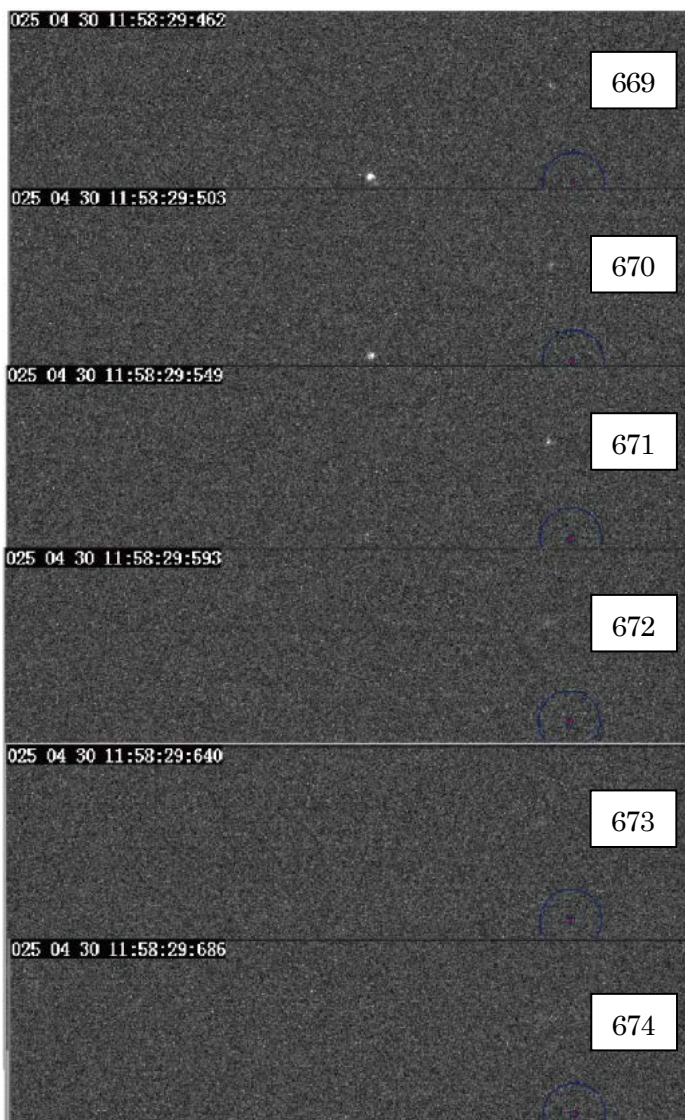


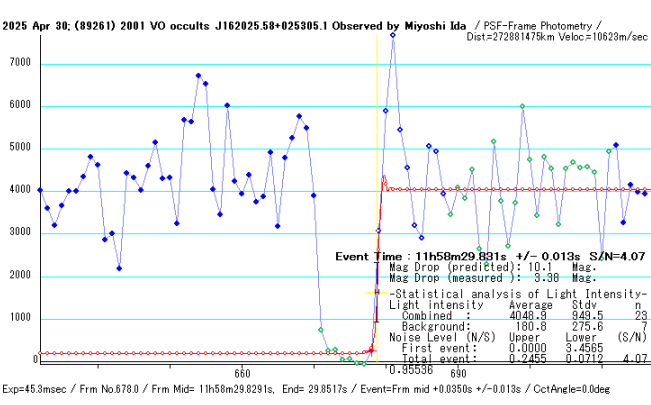
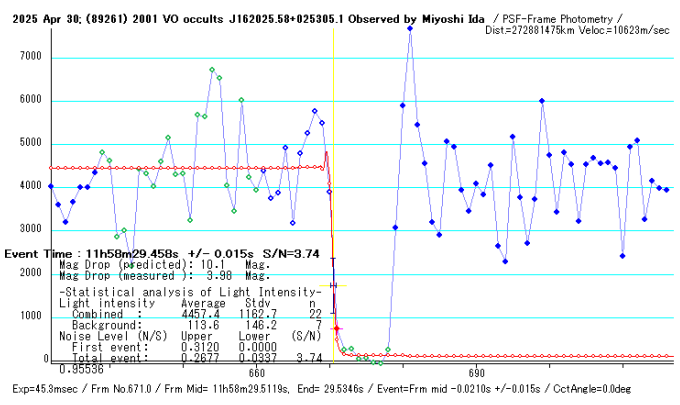
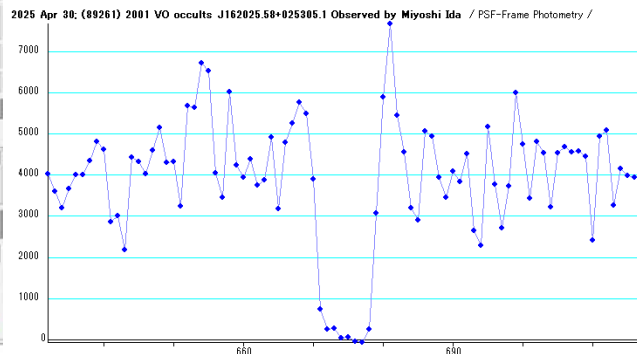
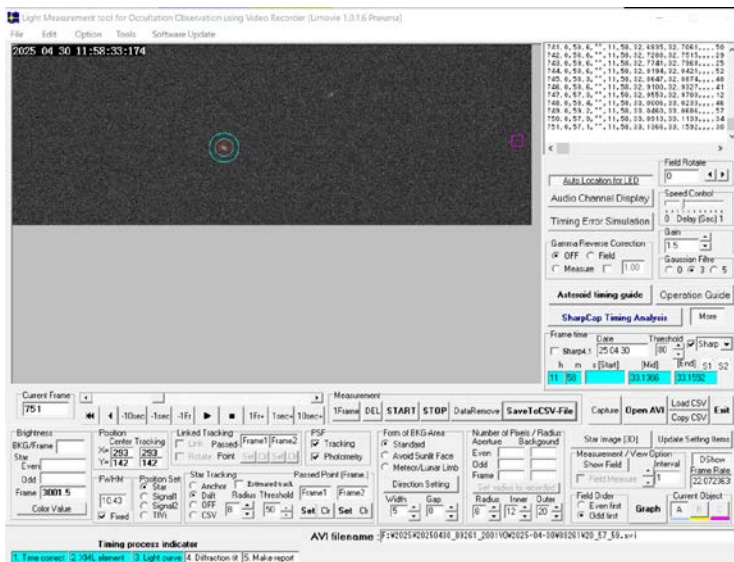
/ PSF-Frame Photometry /



Exp=45.3msec / Frm No.689.0 / Frm Mid= 11h58m29.4396s, End= 29.4623s

現象付近を拡大すると左図のようになります。
 669 フレームから各フレームをキャプチャーしたのが下図で、右の数字はフレーム番号です。
 目的星は 672 フレームで消え 677 フレームから見え始めています。
 比較星は 672 フレームから星像が肥大し淡くなりますが写っているようです。
 よって減光 671 フレーム、復光 677 フレームとして整約します。





観測地 滋賀県東近江市宮川町
 北緯 35 度 3 分 4.6 秒 東経 136 度 9 分 41.5 秒
 海拔 117m (国土地理院電子国土 Web より)

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

[Date] 2025.4.30 [Approx hour] 11.8
 [Star] J-coords 162025.58+025305.1 VMag=8.59 RMag=7.84
 [Asteroid] (89261)2001 VO 18.66 mag.

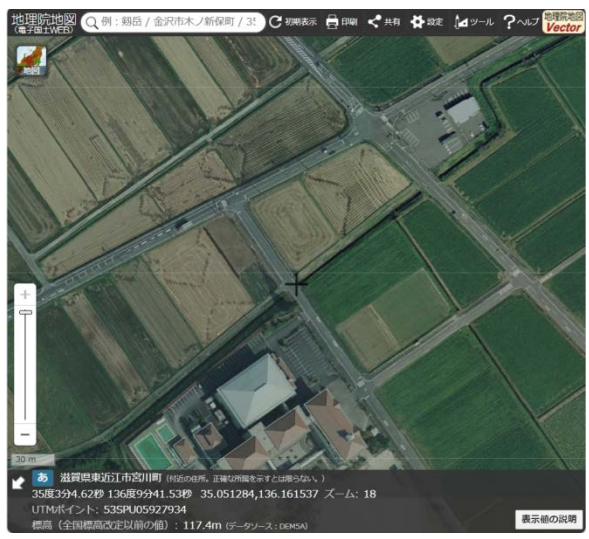
[Observer] 1: Miyoshi Ida 2:
 [Location] Higashiomi, Shiga, JP
 [Longitude] 136o9'41.5" E
 [Latitude] 35o3'4.6" N
 [Altitude] 117m
 [Datum] WGS84

[Event time] D: 11h58m29.458s +/- 0.015s (UTC) S/N=3.74
 R: 11h58m29.831s +/- 0.013s (UTC) S/N=4.07
 [Predicted Time error] 0.162 sec [RUWE] 1.00

[Recorded] From 11h57m59s
 To 11h59m57s

[Mag. drop] D: Measured: Mag Drop (measured): 3.98 Mag. ; Predicted: Mag Drop (predicted): 10.1 Mag.
 R: Measured: Mag Drop (measured): 3.38 Mag. ; Predicted: Mag Drop (predicted): 10.1 Mag.

[Telescope] Aperture: 20cm Type: SCT F=4.1
 [Camera] Analog or Digital video, Model=ASI290MM
 [Exposure] Set: 45.3msec, Measure: 45.3msec



[Setting] Area: 1440x500 ; Binning=2
Gain: 495 ; Brightness: 135 ; High Speed Mode: Off
[Time keep] GPS ; Model: GT502MGG
[Evidence] GPS Time Log: ; Screen shot:

[Condition] Stability: Steady Transparency: Clear
[Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2025|4|30|11.8</Date>

<Details>

<Star>J-coords|162025.58+025305.1|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>89261|2001

VO|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.000000|0.000000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Higashiomi, Shiga|JP|+136 9 41.5|+35 3 4.6|117| |20|3|a|a</ID>

<Conditions>1|1|3.91||</Conditions>

<D>11 58 29.458|D|0.015||</D>

<R>11 58 29.831|R|0.013||</R>

</Observer>

</Observations>

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

</Event>

</Observations>

Text-based Light curve

(89261)_20250430_115827_Miyoshi_Ida .dat

Date: 2025-4-30 11:58:27.74: 3.81: 85

Star: 0: 0: 0: 0-0-0: 0-0

Observer: +136:9:41.5: +35:3:4.6: 117: Miyoshi Ida

Object: Asteroid: 89261: 2001 VO

Values:4030:3598:3204:3666:4010:4005:4351:4816:4610:2855:3000:2176:4422:4318:4021:4594:5149:4310:4314:3238:5682:562
9:6709:6522:4039:3459:6011:4247:3941:4387:3758:3877:4911:3176:4792:5246:5772:5494:3909:730:255:272:50:60:36:66:260:3
073:5899:

7672:5453:4551:3189:2896:5060:4934:3949:3445:4090:3844:4510:2652:2297:5174:3766:2713:3729:5987:4757:3434:4818:4533:
3227:4533:4676:4551:4585:4446:2409:4948:5076:3262:4146:3978:3933