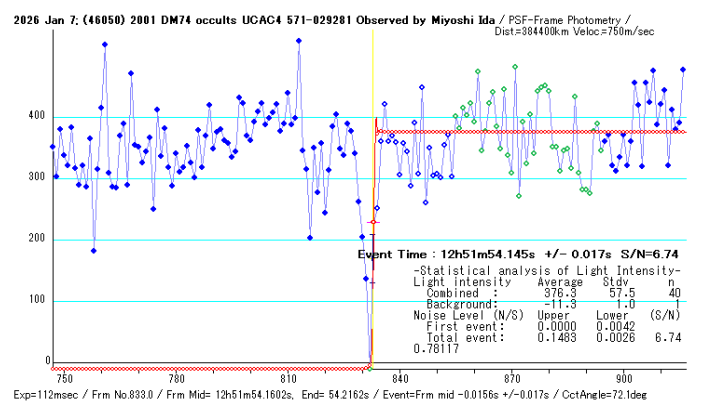
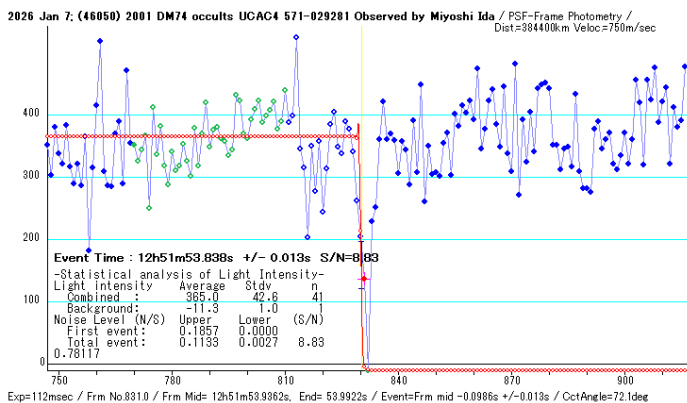
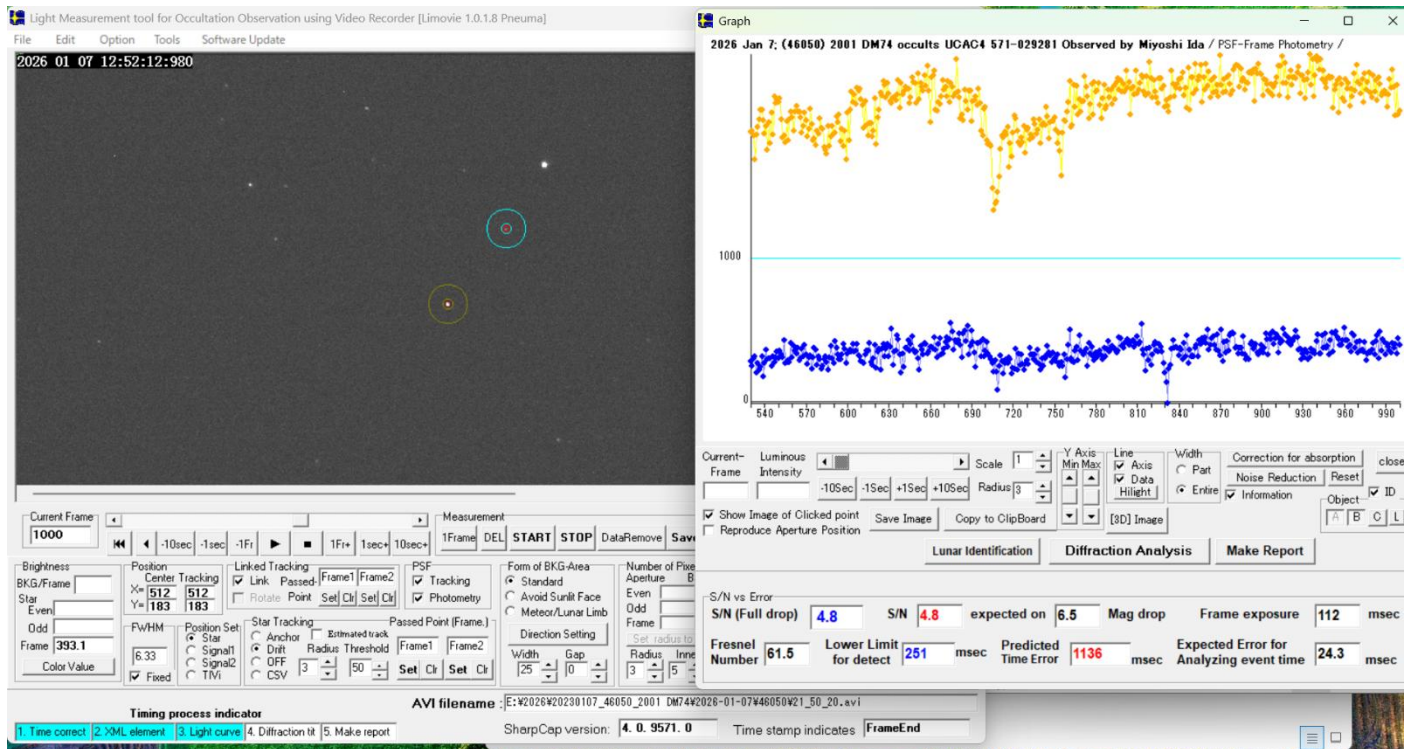


20260107\_(46050)2001 DM74 Occults UCAC4 571-029281 Miyoshi Ida

自宅前に望遠鏡をセットして観測です。望遠鏡の設置場所からは北極星が見えず、極軸望郷でのセットはできず、大まかなセットになり、微妙に赤緯方向にズレがある中での観測です。観測に近づくにつれ雲の飛来があり、星の映りが悪い中観測を始めました。雲の影響が心配でしたが、何とか予報時刻に一瞬の減光をとらえることができました。



2026 01 07 12:54:07:235

HACSTIP (How Accurately Can we Set Time on Pc using GPS?)

Files Properties Version

Time Zone of this PC: Localtime-UTC= hour Global position Now

Date (UTC) 2026. 01. 07 Long. 136° 11' 5.034" E

GPS Time (UTC) GPS Time (Local) Lat. 35° 6' 28.536" N

12:54:07 21:54:07

Antenna Altitude 139.3m Sat. 20

Geoidal Height 35.3m Num 0.6

for Google Maps HDOP

35.1079267,136.1847325 Cop

DSR(1PPS) signal available (Type: Falling Edge)

Fix Type  
DGPS fix, using local DGPS or WAAS etc.

0.25 2026-01-07 21:54:03.000 2026-01-07 21:54:03.000 Set\_PC\_Tim  
-0.39 2026-01-07 21:54:03.999 2026-01-07 21:54:04.000 Set\_PC\_Tim  
-0.58 2026-01-07 21:54:04.999 2026-01-07 21:54:05.000 Set\_PC\_Tim  
0.09 2026-01-07 21:54:06.000 2026-01-07 21:54:06.000 Set\_PC\_Tim  
-0.04 2026-01-07 21:54:06.999 2026-01-07 21:54:07.000 Set\_PC\_Tim

観測地 滋賀県東近江市小脇町  
北緯35度6分28.2秒 東経136度11分5.2秒  
海拔123m (国土地理院電子国土Webより)

[Date ] 2026. 1. 7 [Approx hour] 12.8  
[Star ] UCAC4 571-029281 VMag=12.73 RMag=12.16  
[Asteroid ] (46050)2001 DM74 19.26 mag.

[Observer ] 1: Miyoshi Ida 2:  
[Location ] Higashiomi, Shiga, JP  
[Longitude ] 136o11'5.2" E  
[Latitude ] 35o6'28.2" N  
[Altitude ] 123m  
[Datum ] WGS84

[Event time] D: 12h51m53.838s +/- 0.013s (UTC) S/N=8.83 Ctt=72.1  
R: 12h51m54.145s +/- 0.017s (UTC) S/N=6.74 Ctt=72.1

[Predicted Time error] 1.136 sec [RUWE] 0.95

[Recorded ] From 12h50m21s  
To 12h53m21s

[Mag. drop] D: Measured: ; Predicted:  
R: Measured: ; Predicted:

[Telescope] Aperture: 20cm Type: SCT F=4.0  
[Camera ] Analog or Digital video, Model=ASI290MM  
[Exposure ] Set: 112.0msec, Measure: 112msec  
[Setting ] Area: 1936x1096 ; Binning=2  
Gain: 408 ; Brightness: 221 ; High Speed Mode: Off  
[Time keep] GPS ; Model: GHS-OSD  
[Evidence ] GPS Time Log: ; Screen shot:

[Condition] Stability: Steady Transparency: Thin cloud >2

[Remarks ]

[Additional comment]

\*\*\*\*\*

<Observations>

<Event>

<Date>2026|1|7|12.8</Date>

<Details>

<Star>UCAC4|571-

029281|0|0.000000000|0.00000000|0.00|0.00|0.00|0|0.0000000|0.000000|25.00|25.00|25.00|0</Star>

<Asteroid>46050|2001

DM74|0.0000000|0.0000000|0.000000|0.000000|0.000000|0.000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Miyoshi Ida||0|Higashiomi, Shiga|JP|+136 11 5.2|+35 6 28.2|123| |20|3|a|a</ID>

<Conditions>1|4|7.79||</Conditions>

<D>12 51 53.838|D|0.013||</D>

<R>12 51 54.145 | R | 0.017 | | | </R>  
</Observer>  
</Observations>  
<LastEdited>2023 | 7 | 17 </LastEdited>  
</Event>  
</Observations>

\*\*\*\*\*

Text-based Light curve

571-029281\_20260107\_125144\_.dat

Date: 2026-1-7 12:51:44.53: 18.93: 170

Star: 0: 0: 0: 0: 0-0-0: 571-029281

Observer: +136:11:5.2: +35:6:28.2: 123: Miyoshi Ida

Object: Moon: ::::: 0.0: :::::

Values: 352:303:380:338:321:384:317:290:322:287:366:181:315:416:520:310:286:285:370:390:290:472:356:352:326:345:368:250:  
413:337:383:319:288:341:312:318:353:326:302:380:319:370:420:349:376:381:363:358:335:  
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372:322:313:335:372:322:361:458:420:321:457:425:476:388:422:444:322:412:381:392:478