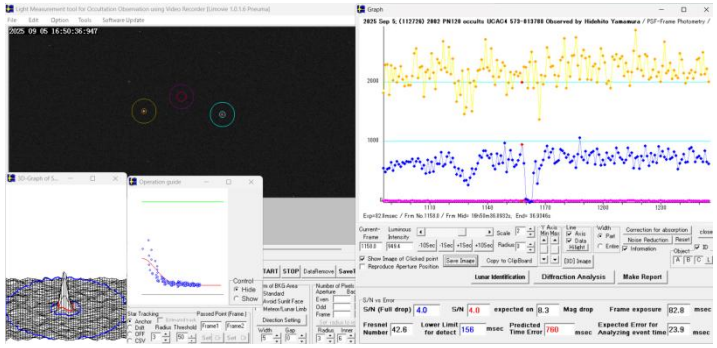
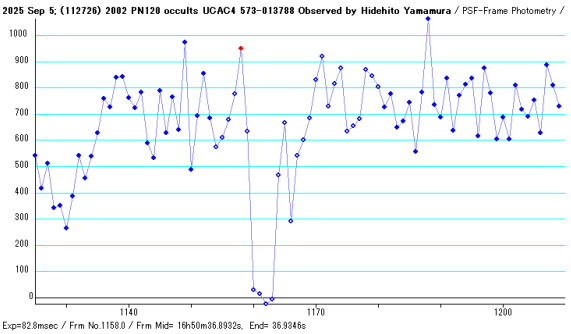
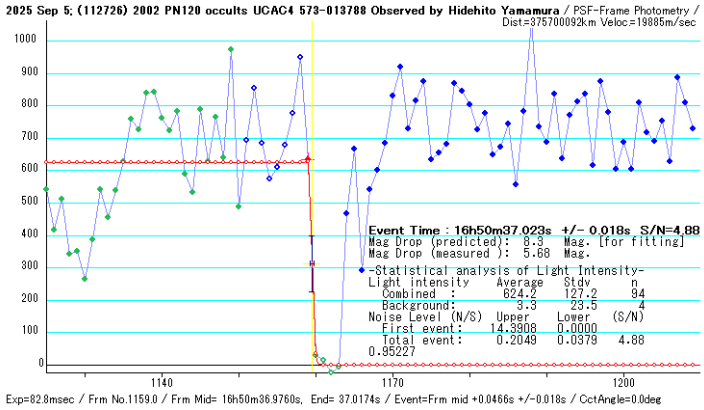
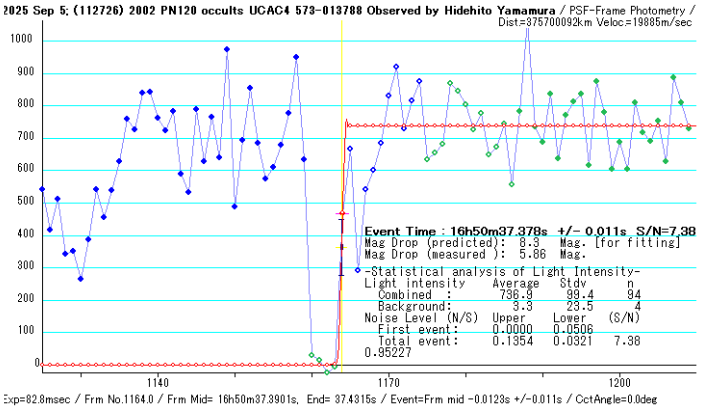
20250905_ (112726)2002 PN120 Occults UCAC4 573-013788

Hidehito Yamamura









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

[Date] 2025. 9. 5 [Approx hour] 16.9

[Star] UCAC4 573-013788 VMag=11.69 RMag=10.70

[Asteroid] (112726)2002 PN120 20.02 mag.

[Observer] 1: Hidehito Yamamura 2:

[Location] Toyosato, Shiga, JP

[Longitude] 136o13'40.1" E

[Latitude] 35o11'27.9" N

[Altitude] 101m

[Datum] WGS84

[Event time] D: 16h50m37.023s +/- 0.018s (UTC) S/N=4.88

R: 16h50m37.378s +/- 0.011s (UTC) S/N=7.38

[Predicted Time error] 0.760 sec [RUWE] 1.05

[Recorded] From 16h49m1s

To 16h52m16s

[Mag. drop]

D: Measured: Mag Drop (measured): 5.68 Mag. ; Predicted: Mag Drop (predicted): 8.3 Mag. [for fitting]

R: Measured: Mag Drop (measured): 5.86 Mag. ; Predicted: Mag Drop (predicted): 8.3 Mag. [for fitting]

[Telescope] Aperture: 20cm Type: SCT F=3.3

[Camera] Analog or Digital video , Model= ASI290MM

[Exposure] Set: 82.8msec, Measure: 82.8msec

[Setting] Area: 1520x708 ; Binning=2

Gain: 409 ; Brightness: 84 ; High Speed Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

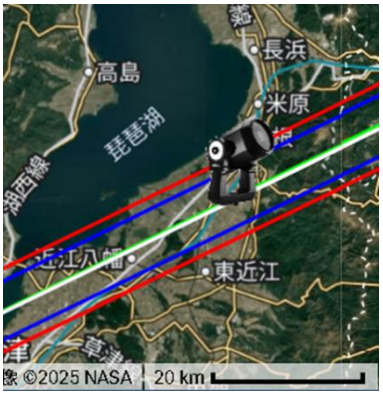
[Condition] Stability: Slight flickering Transparency: Clear

[Remarks]

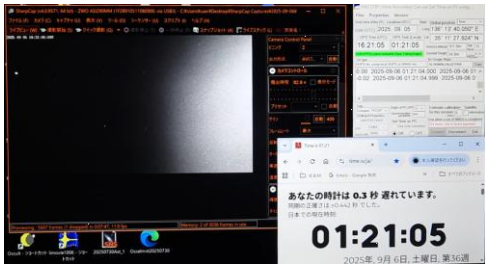
[Additional comment]

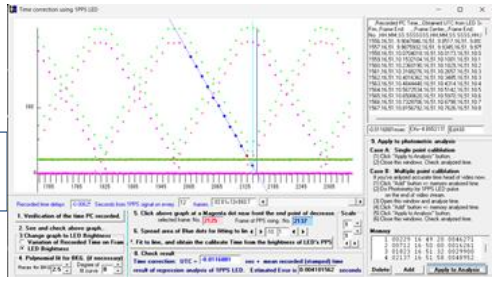
Used Mag drop

****



観測地：滋賀県犬上郡豊郷町吉田
日栄小学校校門前





個別の解析図、xmlファイル、Light CurveTextファイル等は以下にあります。
https://u.pcloud.link/publink/show?code=kZAmiD5ZxVIONu0IY1hbmU9MnakshmtdGDRy