

Asteroid Occultation Report Observation was: Positive Takeshi Nemoto Email: nemoto00@juno.ocn.ne.jp

[Date] 2024. 1.15 [Approx hour] 11.5

[Star] UCAC4 526-017964

[Asteroid] (1428)Mombasa

[Observer] 1: Takeshi Nemoto 2:

[Location] Sagamihara,Kanagawa, JPN

[Longitude] 139o20'14.6" E

[Latitude] 35o32'17.2" N

[Altitude] 45m

[Datum] WGS84

[Event time] D: 11h31m59.470s +/- 0.027s (UTC)

S/N=8.32

R: 11h32m03.925s +/- 0.026s (UTC)

S/N=8.46

[Recorded] From 11h30m31s

To 11h33m31s

[Mag. drop] D: Measured: 1.58 ; Predicted: 1.7

R: Measured: 1.66 ; Predicted: 1.7

[Telescope] Aperture: 20cm Type: Newtonian F=4.0

[Camera] Analog or Digital video , Model=ASI290MM

[Exposure] Set: 246.0msec, Measure: 246msec

[Setting] Area: 1280x548 ; Binning=2

Gain: 455 ; Brightness: 70 ; High Speed

Mode: Off

[Time keep] GPS ; Model: GT902MGG

[Evidence] GPS Time Log : Recorded ; Screen shot: None

[Condition] Stability: Slight flickering Transparency: Clear

[Remarks]

[Additional comment]

<Observations>

<Event>

<Date>2024|1|15|11.5</Date>

<Details>

<Star>UCAC4|526-017964|0||0.000000000|
0.00000000|0.00|0.00|0.00|0|0.00000000|0.0000000|
25.00|25.00|25.00|0</Star>

<Asteroid>1428|Mombasa|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|Takeshi Nemoto||0|Sagamihara,Kanagawa|
JPN|+139 20 14.6|+35 32 17.2|45| |20|2|a|a</ID>

<Conditions>2|1|8.39||</Conditions>

<D>11 31 59.470|D|0.027||</D>

<R>11 32 3.925|R|0.026||</R>

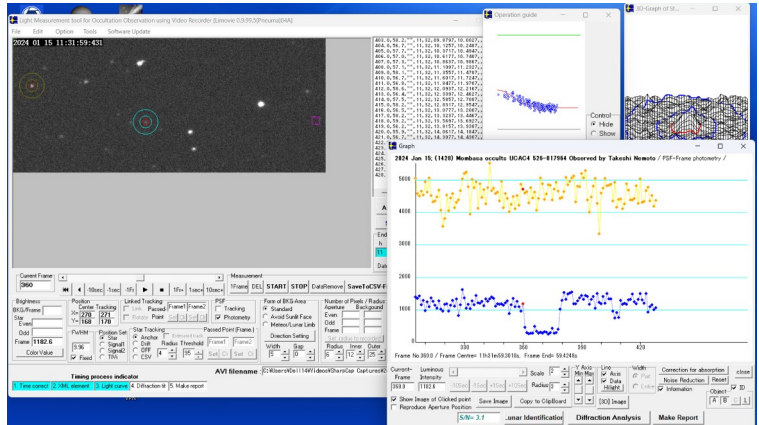
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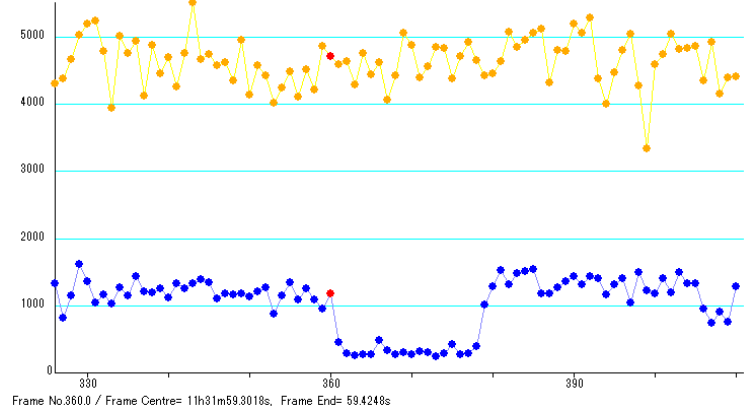
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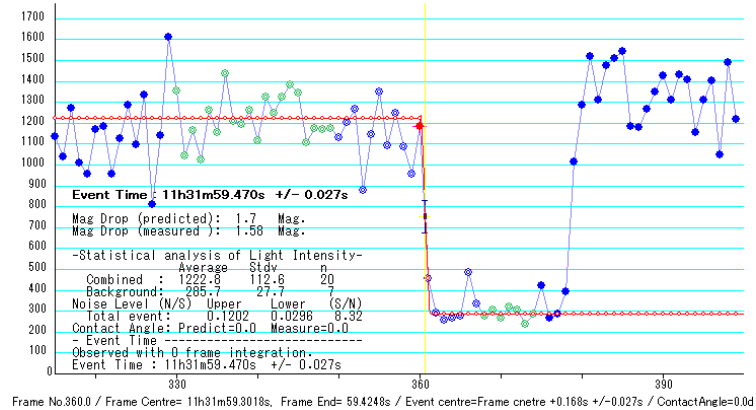
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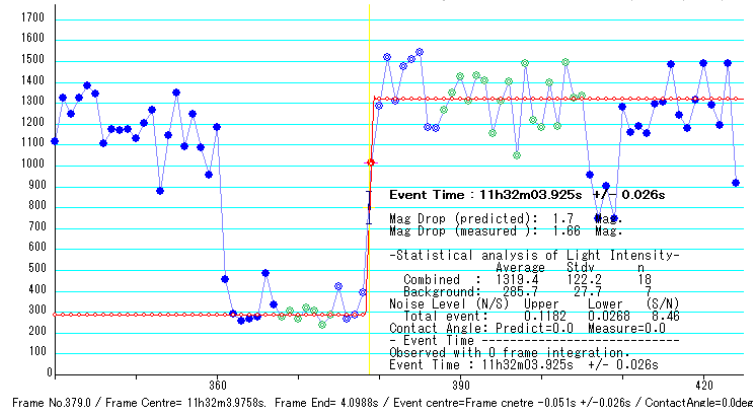
2024 Jan 15; (1428) Mombasa occults UCAC4 526-017964 Observed by Takeshi Nemoto / PSF-Frame photometry /



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