

(2466)Golson occults Tycho2 1344-01199-1

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

[Date] 2024.12.21 [Approx hour] 10.4
 [Star] Tycho2 1344-01199-1 VMag=9.54 RMag=9.17
 [Asteroid] (2466)Golson 16.05 mag.
 [Observer] 1: Katsuhiko Kitazaki 2:
 [Location] Musashino Tokyo, JPN
 [Longitude] 139o33'41.2" E
 [Latitude] 35o42'37.0" N
 [Altitude] 66m
 [Datum] WGS84

[Event time] D: 10h34m14.853s +/- 0.016s (UTC) S/N=4.89
 R: 10h34m16.782s +/- 0.016s (UTC) S/N=4.99
 [Predicted Time error] 0.138 sec [RUWE] 0.90

[Recorded] From 10h33m0s
 To 10h35m0s

[Mag. drop] D: Measured: Mag Drop (measured): 6.44 Mag.
 ; Predicted: Mag Drop (predicted): 6.5 Mag.
 R: Measured: Mag Drop (measured): 5.95 Mag.
 ; Predicted: Mag Drop (predicted): 6.5 Mag.

[Telescope] Aperture: 40cm Type: Classical Cassegrain
 F=2.5 (Reducer x0.25)
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 77.3msec, Measure: 77.3msec
 [Setting] Area: 1936x1096 ; Binning=2
 Gain: 300 ; Brightness: 13 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD (PPSPUcorrection -0.0311534s)
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

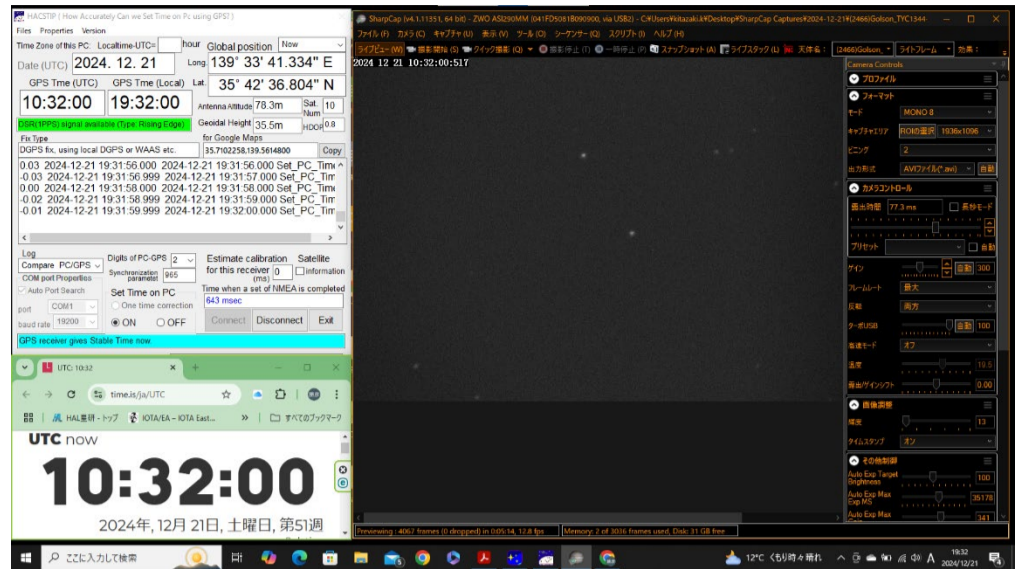
[Condition] Stability: Strong flickering Transparency: Clear
 [Remarks] Scintillation was significant and the target star was disturbed.

[Additional comment]
 Photometry analysis : Analyzed with software.limovie1.0.0.6Pneuma.
 Photometry method: Aperture photometry(Shap4.1 OFF,Linked Tracking OFF)
 Data Release Site:
<https://www.data-box.jp/pdir/44f447a164a34cc0ac215356160c600f>

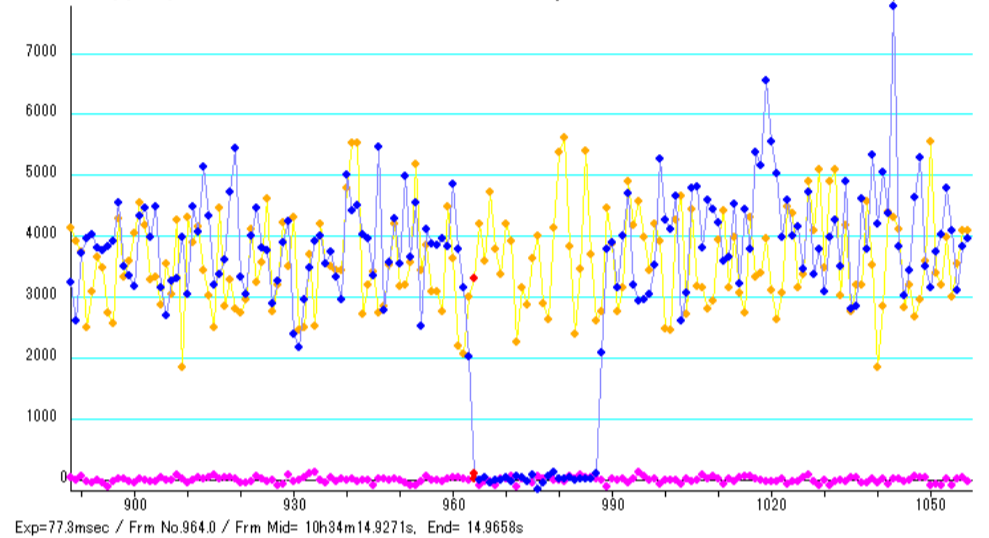
<Observations>

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 <Details>
 <Star>Tycho2|1344-01199-1|0||0.000000000|0.00000000|0.00|0.00|0.00|0.00|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>
 <Asteroid>2466|Golson|0.00000000|0.00000000|0.00000000|0.00000000|0.00000000|1.00000000|0.00000000|0.0|1.0|20.00</Asteroid>
 </Details>
 <Observations>
 <Observer>
 <ID>1|Katsuhiko Kitazaki||0|Musashino Tokyo|JPN|+139 33 41.2|+35 42 37.0|66| |40|6|a|a</ID>
 <Conditions>3|1|4.94||Scintillation was significant and the target star was disturbed.</Conditions>
 <D>10 34 14.853|D|0.016||| </D>
 <R>10 34 16.782|R|0.016||| </R>
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 <LastEdited>2023|7|17</LastEdited>
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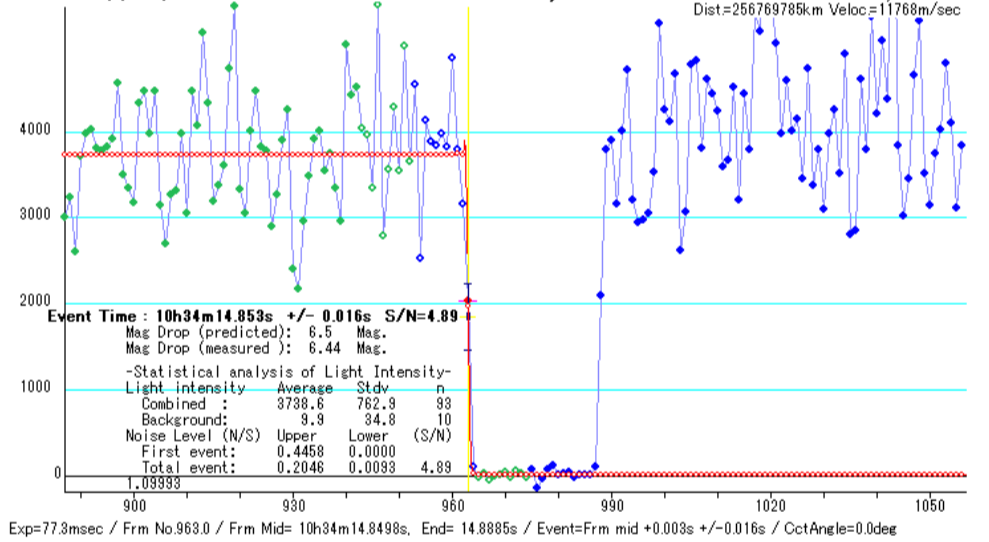
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2024 Dec 21: (2466) Golson occults TYC 1344-01199-1 Observed by Katsuhiko Kitazaki / APT-Frame Photometry /



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