

(812)Adele occults UCAC4 663-028722

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

[Date] 2025. 1. 8 [Approx hour] 14.2
 [Star] UCAC4 663-028722 VMag=14.19 RMag=13.67
 [Asteroid] (812)Adele 15.77 mag.
 [Observer] 1: Katsuhiko Kitazaki 2:
 [Location] Musashino Tokyo,
 [Longitude] 139o33'41.2" E
 [Latitude] 35o42'37.0" N
 [Altitude] 66m
 [Datum] WGS84

[Event time] D: 14h10m50.013s +/- 0.027s (UTC) S/N=9.37
 R: 14h10m51.785s +/- 0.033s (UTC) S/N=7.76
 [Predicted Time error] 0.271 sec [RUWE] 1.00

[Recorded] From 14h10m0s
 To 14h9m11s

[Mag. drop] D: Measured: Mag Drop (measured): 1.60 Mag.
 ; Predicted: Mag Drop (predicted): 1.8 Mag.
 R: Measured: Mag Drop (measured): 1.58 Mag.
 ; Predicted: Mag Drop (predicted): 1.8 Mag.

[Telescope] Aperture: 40cm Type: Other F=2.5
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 253.0msec, Measure: 253msec
 [Setting] Area: 1936x600 ; Binning=2
 Gain: 350 ; Brightness: 6 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD (PPSPUcorrection -0.0067839s)
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Strong flickering Transparency: Clear
 [Remarks] There is a step in the light curve while Mag Drop is being done,
 but it was determined to be due to scintillation from the comparison star.
 [Additional comment]

Capture : ZWO ASI290MM imaging data to PC using SharpCap4.1.12946.0
 Photometry analysis : Analyzed with software.limovie1.0.0.6Pneuma.
 Photometry method: PSF photometry
 (Sarp4.1 ON,Tracking OFF, Linked Tracking ON)
 Data Release Site
<https://www.data-box.jp/pdir/7aee5538d3a34d2ab56bb783052bac63>

<Observations>

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 028722|0||0.000000000|0.00000000|0.00|0.00|0.00|0|0.00000000|0.0000
 00|25.00|25.00|25.00|0</Star>

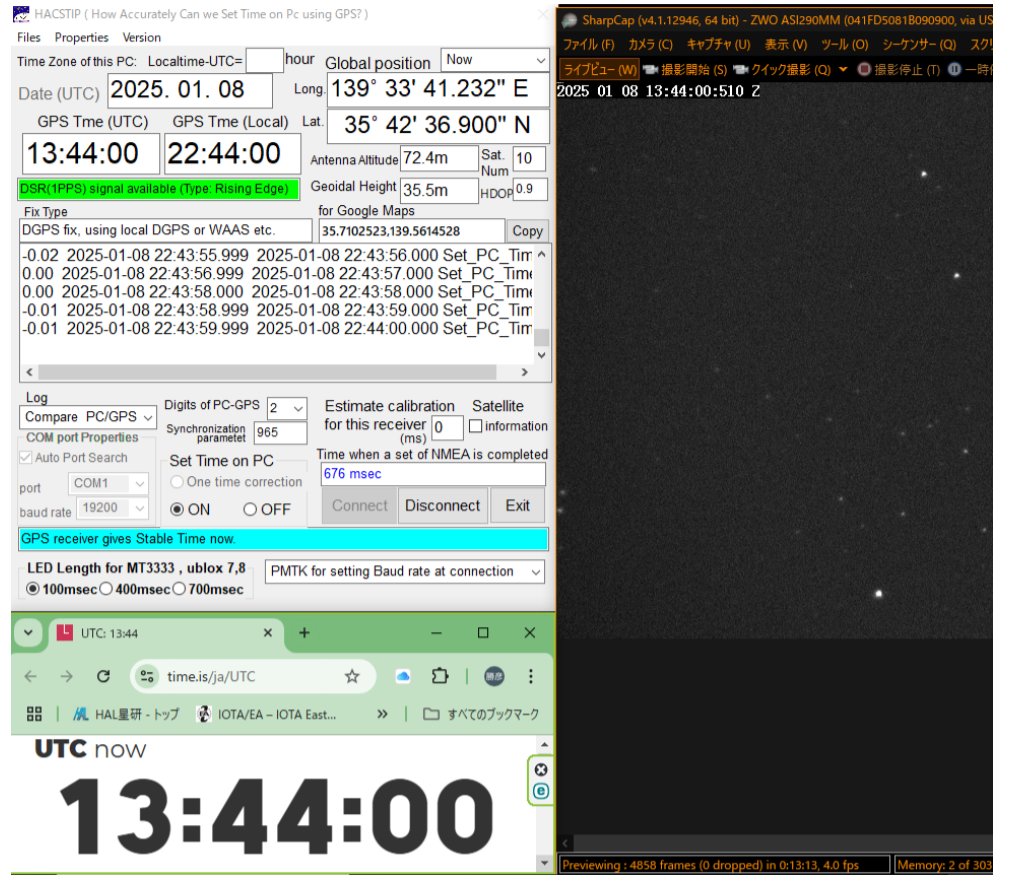
<Asteroid>812|Adele|0.00000000|0.00000000|0.00000000|0.00000000|0.00000
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</Details>
 <Observations>
 <Observer>
 <ID>1|Katsuhiko Kitazaki||0|Musashino Tokyo||+139 33 41.2|+35
 42 37.0|66| |40|6|a|a</ID>
 <Conditions>3|1|8.56||There is a step in the light curve while Mag
 Drop is being done, but it was determined to be due to scintillation from the
 comparison star.</Conditions>
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 <R>14 10 51.785|R|0.033||| </R>
 </Observer>
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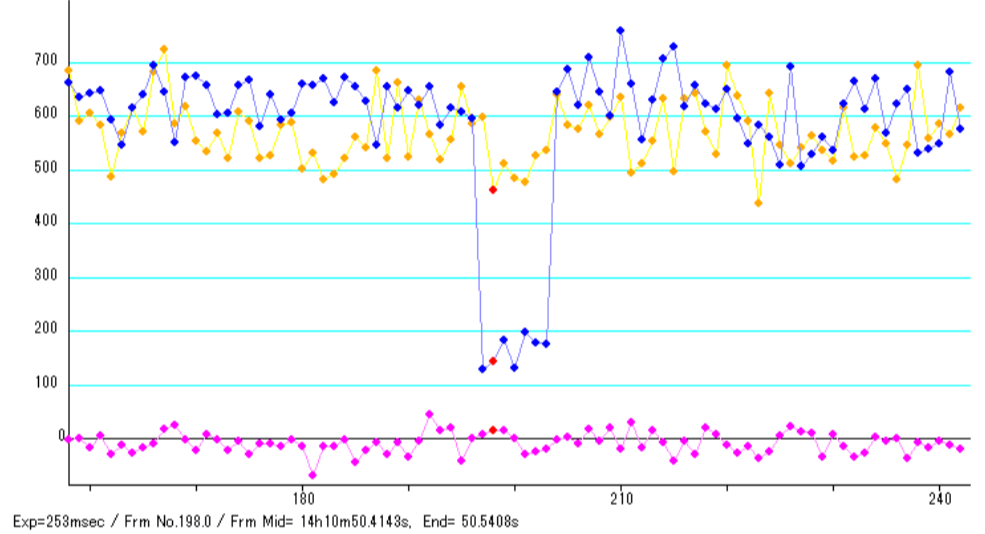
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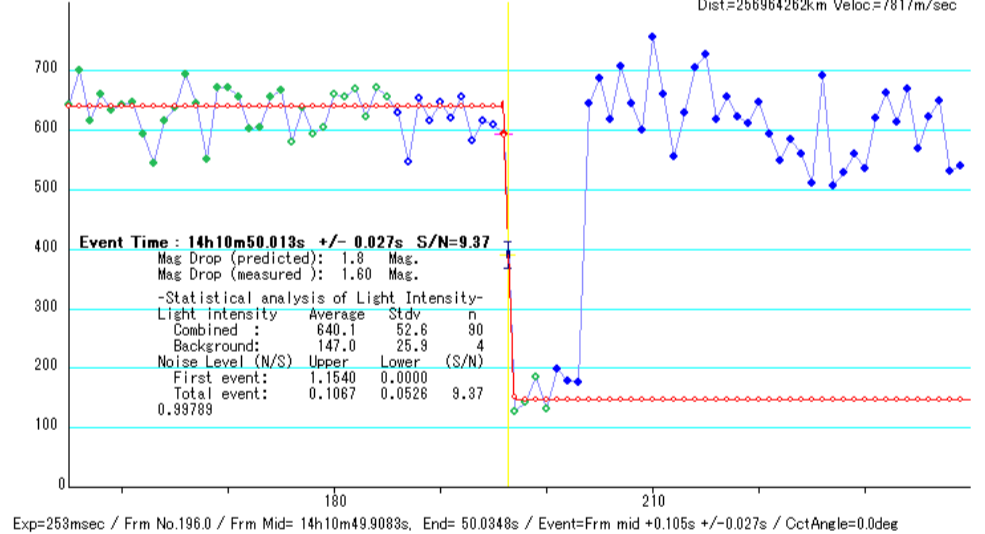
</Observations>



2025 Jan 8: (812) Adele occults UCAC4 663-028722 Observed by Katsuhiko Kitazaki / PSF-Frame Photometry /



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