(1269)Rollandia occults UCAC4 554-023488

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

[Date] 2025.11. 6 [Approx hour] 15.0
[Star] UCAC4 554-023488 VMag=14.35 RMag=13.67
[Asteroid] (1269)Rollandia 14.77 mag.

[Observer] 1: Katsuhiko Kitazaki 2:
[Location] Musashino, Tokyo, JP
[Longitude] 139o33'41.2" E
[Latitude] 35o42'37.0" N
[Altitude] 66m
[Datum] WGS84

[Event time] D: 15h15m00.481s +/- 0.098s (UTC) S/N=2.66
R: 15h15m04.564s +/- 0.592s (UTC) S/N=2.67 Ctt=83.9
[Predicted Time error] 2.578 sec [RUWE] 1.15

[Recorded] From 15h14m30s
To 15h15m40s
[Mag. drop] D: Measured: Mag Drop (measured): 0.62 Mag. ; Predicted: Mag Drop (predicted): 1.0 Mag.
R: Measured: Mag Drop (measured): 0.62 Mag. ; Predicted: Mag Drop (predicted): 1.0 Mag.

[Telescope] Aperture: 40cm Type: Type: Classical Cassegrain F=2.6 (Reducer ×0.26)
[Camera] Analog or Digital video , Model= ASI290MM
[Exposure] Set: 144.0msec, Measure: 144msec
[Setting] Area: 1936x600 ; Binning=2
Gain: 380 ; Brightness: 0 ; High Speed Mode: Off
[Time keep] GPS ; Model: GT502MGG
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Strong flickering Transparency: Clear
[Remarks] The moon was near the target star, and the small size of Mag Dolp resulted in a poor signal-to-noise ratio. The reappearance was gradual.

[Additional comment]
Capture ： ZWO ASI290MM imaging data to PC using SharpCap4.1.13800.0
Photometry analysis : Analyzed with software.limovie1.0.1.8 Pneuma
Photometry method：PSF photometry / Aperture photometry
(Sharp4.1 ON,Tracking OFF, Linked Tracking=ON, Double Star Analyzing=OFF, Star's Angular Diameter=ON)
Data Release Site
https://drive.google.com/drive/folders/1eN70jrloTgAp46YoCwaRPdXYDRgpi80N?usp=sharing

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<Observations>
<Event>
<Date>2025|11|6|15.0</Date>
<Details>
<Star>UCAC4|554-023488|0||0.0000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.0000000|25.00|25.00|25.00|0</Star>

<Asteroid>1269|Rollandia|0.00000000|0.00000000|0.0000000|0.0000000|0.0000000|0.0000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>
</Details>
<Observations>
<Observer>
<ID>1|Katsuhiko Kitazaki||0|Musashino, Tokyo|JP|+139 33 41.2|+35 42 37.0|66| |40|6|a|a</ID>
<Conditions>3|1|2.67||The moon was near the target star, and the small size of Mag Dolp resulted in a poor signal-to-noise ratio. The reappearance was gradual.</Conditions>
<D>15 15 0.481|D|0.098||| </D>
<R>15 15 4.564|R|0.592||| </R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
</Event>
</Observations>

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Text-based Light curve
(1269)_20251106_151456_Katsuhiko_Kitazaki.dat

Date: 2025-11-6 15:14:56.62: 12.10: 85
Star: 0: 0: 0: 0: 0-0-0: 554-023488
Observer: +139:33:41.2: +35:42:37.0: 66: Katsuhiko Kitazaki
Object: Asteroid: 1269: Rollandia
Values:632:802:455:461:701:561:431:526:553:522:509:566:500:534:500:461:560:535:616:612:697:618:640:633:573:474:662:313:306:136:346:298:257:306:264:376:285:316:296:176:298:219:350:303:123:406:287:333:58:355:394:331:374:300:258:354:430:438:432:591:487:651:526:626:548:564:417:686:456:453:578:610:537:589:528:583:434:576:595:570:590:593:581:550:467***
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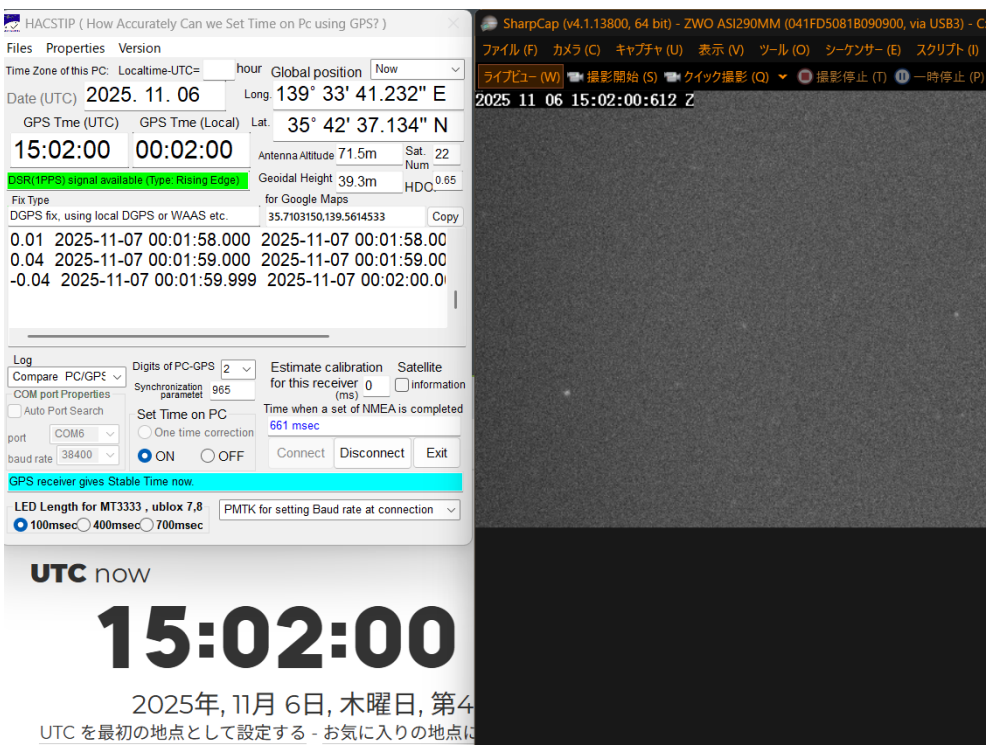
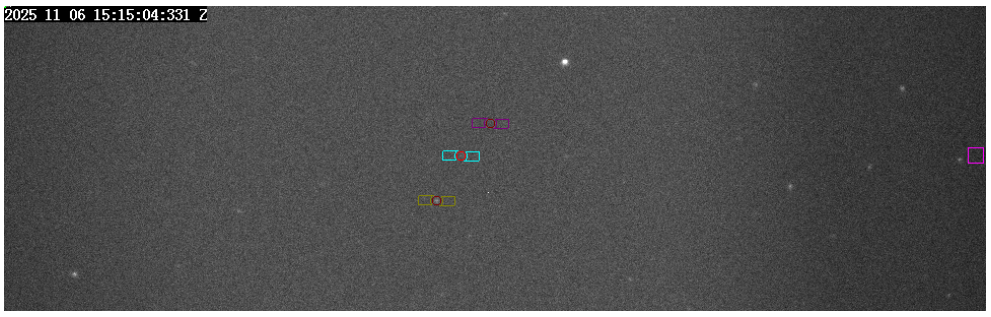
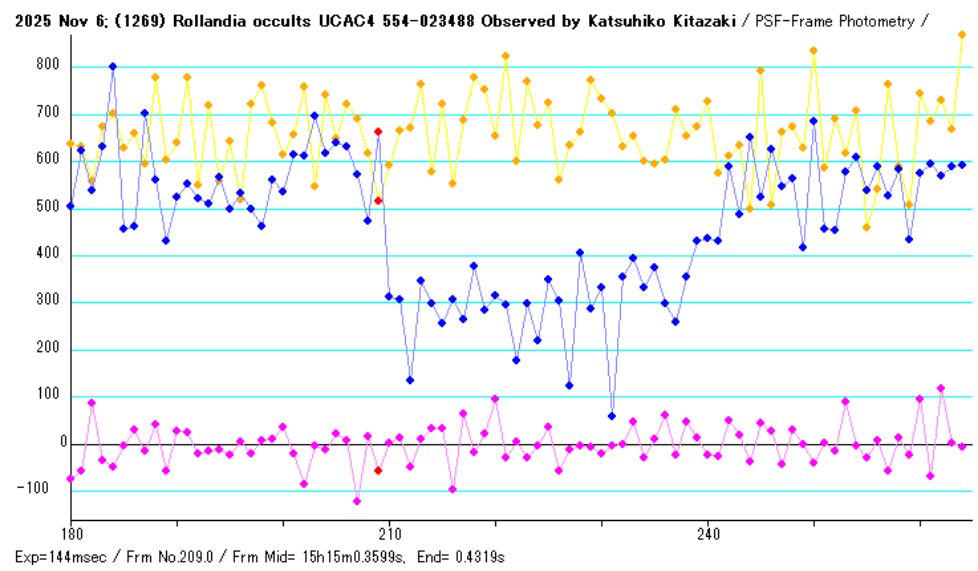
UTC Time Evidence



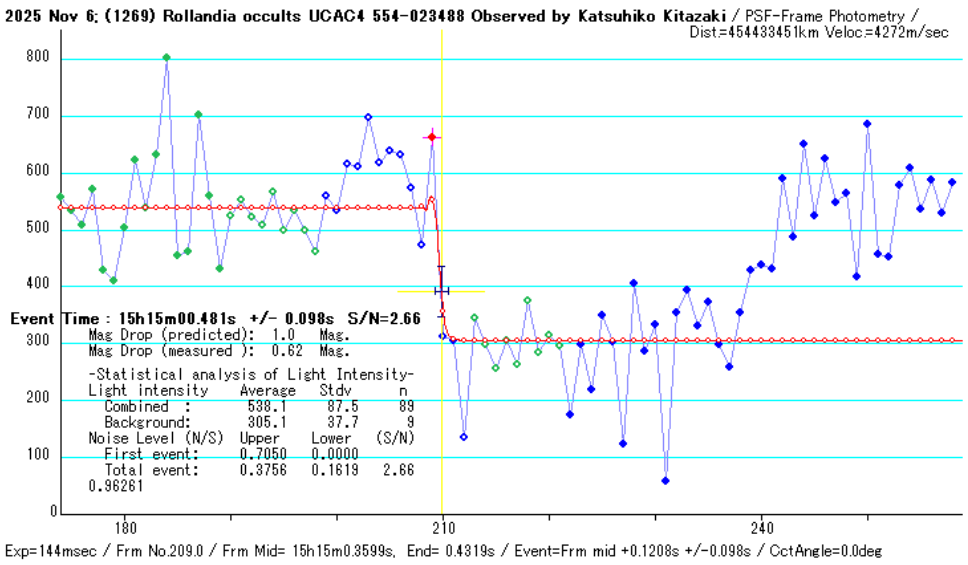
Target Star Position（Target star = Blue, Comparison star = Yellow, Pink = Background metering)



Light curve（Target star = Blue line, Target star = Yellow line)



Time analysis of disappearance



Time analysis of reappearance