

[Date] 2024. 1.17 [Approx hour] 10.6
[Star] UCAC4 510-035443
[Asteroid] (5651)Traversa

[Observer] 1: Katsuhiko Kitazaki 2:
[Location] Musashino Tokyo, JPN
[Longitude] 139o33'41.3" E
[Latitude] 35o42'36.9" N
[Altitude] 66m
[Datum] WGS84

[Event time] D: 10h43m51.219s +/- 0.015s (UTC) S/N=4.76
R: 10h43m52.284s +/- 0.013s (UTC) S/N=5.19

[Recorded] From 10h42m30s
To 10h44m30s

[Mag. drop] D: Measured: 2.94 ; Predicted: 3.0
R: Measured: 2.96 ; Predicted: 3.0

[Telescope] Aperture: 40cm Type: Other(Cassegrain)
F=2.5(x0.25 Reducer)
[Camera] Analog or Digital video , Model= ASI290MM
[Exposure] Set: 67.0msec, Measure: 67.0msec
[Setting] Area: 1936x400 ; Binning=2
Gain: 380 ; Brightness: 15 ; High Speed Mode: Off
[Time keep] GPS ; Model: GHS-OSD
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

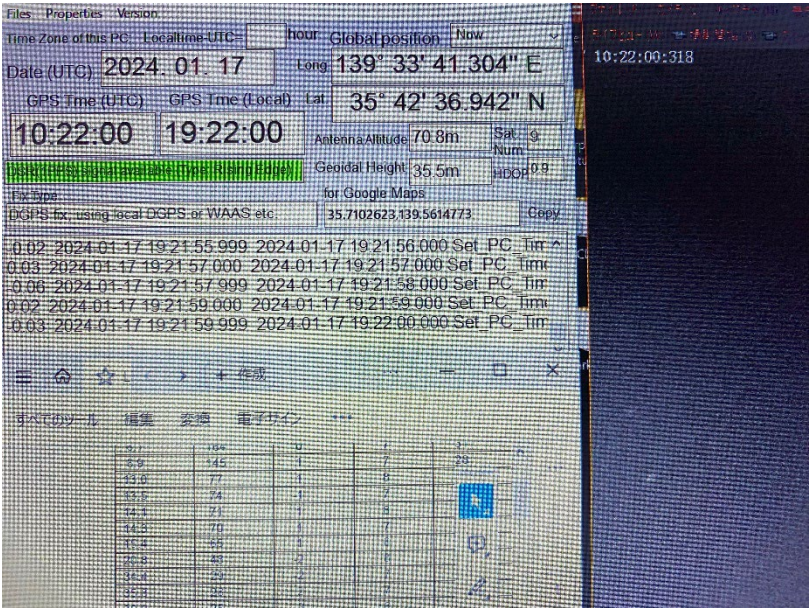
[Condition] Stability: Slight flickering Transparency: Fog
[Remarks] Airflow is somewhat poor. Town lights affected the background due to the early evening hours. As the weather began to deteriorate, transparency was also somewhat poor.

[Additional comment]

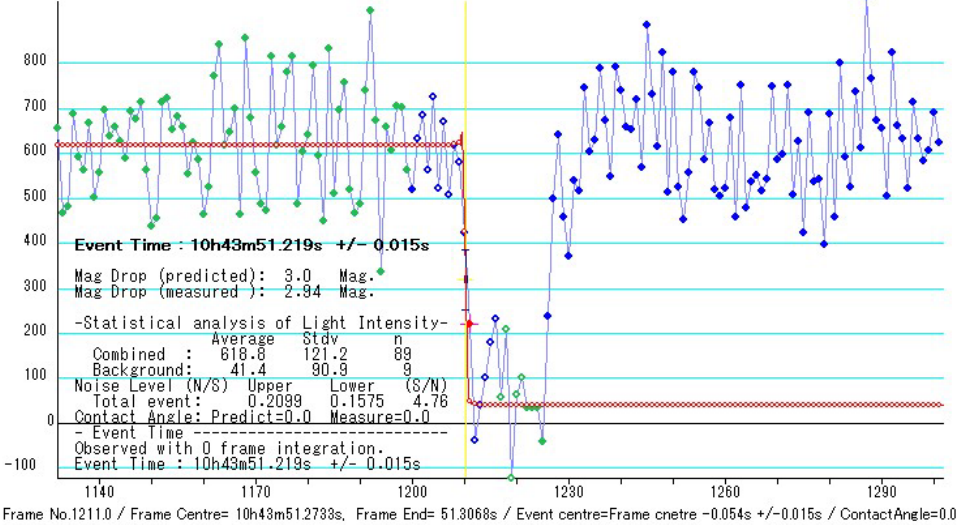
<Observations>
<Event>
<Date>2024|1|17|10.6</Date>
<Details>
<Star>UCAC4|510-035443|0||0.0000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.000000|25.00|25.00|25.00|0</Star>
<Asteroid>5651|Traversa|0.00000000|0.00000000|0.0000000|0.0000000|0.000000|0.000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>
</Details>
<Observations>
<Observer>
<ID>1|Katsuhiko Kitazaki||0|Musashino Tokyo|JPN|+139 33 41.3|+35 42 36.9|66| 40|6|a|a</ID>
<Conditions>2|2|4.97||Airflow is somewhat poor. Town lights affected the background due to the early evening hours. As the weather began to deteriorate, transparency was also somewhat poor.</Conditions>
<D>10 43 51.219|D|0.015||| </D>
<R>10 43 52.284|R|0.013||| </R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
</Event>
</Observations>

Text-based Light curve

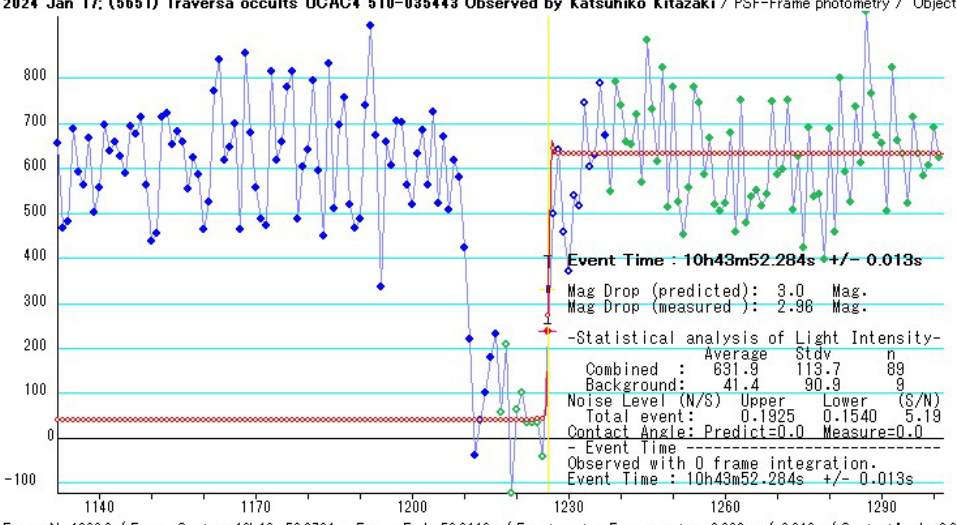
Date: 2024-1-17 10:43:40.89: 22.71: 340
Star: 0: 0: 0: 0: 0-0-0: 510-035443
Observer: +139:33:41.3: +35:42:36.9: 66: Katsuhiko Kitazaki
Object: Asteroid: 5651: Traversa
Values:825:742:451:588:775:904:802:625:576:712:682:753:556:494:588:916:625:642:518:499:805:466:695:530:805:822:665:515:662:318:484:733:655:526:676:504:592:762:478:516:881:806:774:449:573:661:553:768:767:640:577:645:739:670:645:690:732:566:622:345:611:388:671:549:670:476:484:551:446:561:678:678:578:600:623:924:656:466:480:687:592:562:667:503:558:698:638:658:627:589:692:675:713:564:439:456:713:722:654:683:658:553:624:586:463:524:772:842:618:648:699:463:857:678:558:486:474:817:619:658:781:816:488:605:642:796:596:449:832:510:696:757:518:467:486:739:917:672:337:660:607:704:702:563:520:634:685:564:724:523:671:508:617:581:425:221:-37:40:102:180:232:56:210:-122:63:101:35:34:36:-40:238:498:641:459:371:540:516:745:604:628:789:672:548:791:739:658:652:719:569:885:732:615:823:514: 780:526:453:557:781:746:586:668:518:505:523:679:457:750:478:538:551:516:542:748:586:599:751:509:627:422:691:537:543:398:688:458:800:591:526:737:611:949:766:674:654:506:825:662:633:522:713:633:582:606:690:625:464:589:654:637:849:649:671:772:531:573:655:658:455:764:536:664:558:515:718:704:577:633:706:811:634:476:525:580:399:785:607:595:630:720:643:870:723:683:898:808:752:541:692:626:649:506:704:701:793:662:742:440:579:976:587:490:738:615:686:725:699:647:495:712:561:726:570:630:694:643:605:506:372:570:545:599:568:457:618:494:677:430:604:588:629:489:609:670:628:676:458:545:653:705



2024 Jan 17: (5651) Traversa occults UCAC4 510-035443 Observed by Katsuhiko Kitazaki / PSF-Frame photometry / Object



Frame No.1211.0 / Frame Centre= 10h43m51.2733s, Frame End= 51.3068s / Event centre=Frame cnetre -0.054s +/-0.015s / ContactAngle=0.0



Frame No.1226.0 / Frame Centre= 10h43m52.2784s, Frame End= 52.3119s / Event centre=Frame cnetre +0.006s +/-0.013s / ContactAngle=0.0