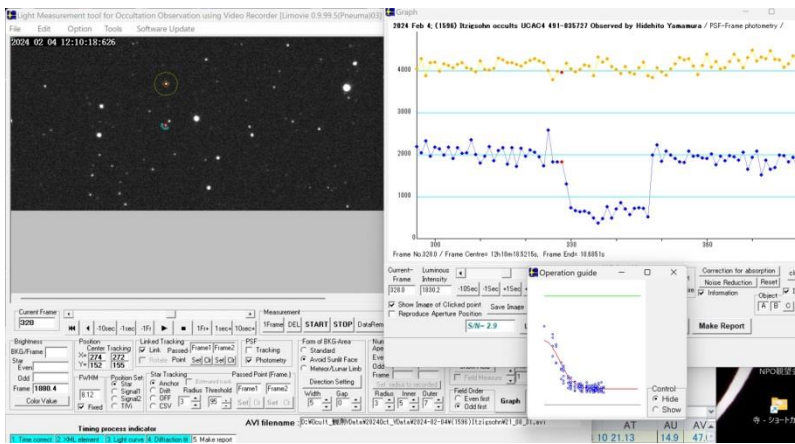
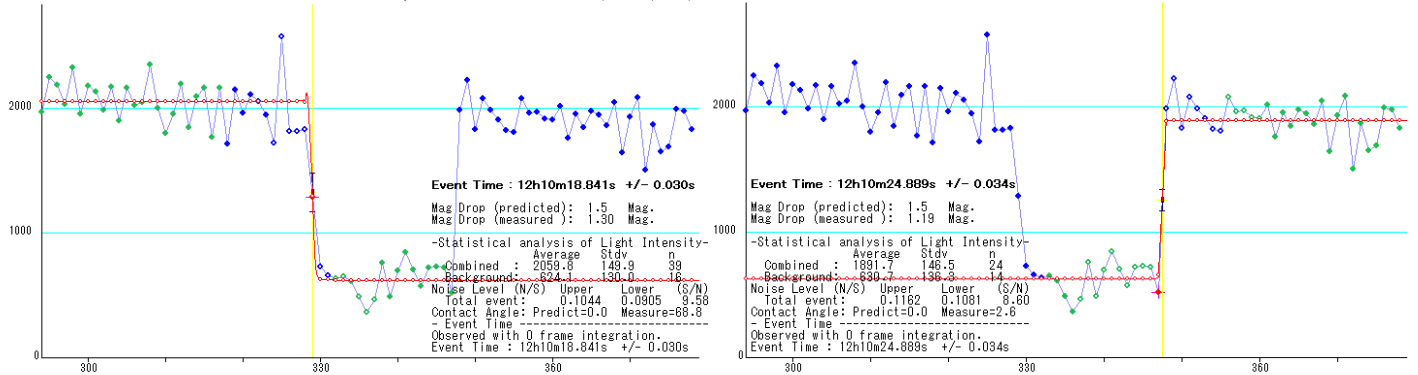


20240204\_(1596)Itzigsohn Occults UCAC4 491-035727

Hidehito Yamamura



2024 Feb 4: (1596) Itzigsohn occults UCAC4 491-035727 Observed by Hidehito Yamamura / PSF-Frame photometry / Object: 2024 Feb 4: (1596) Itzigsohn occults UCAC4 491-035727 Observed by Hidehito Yamamura / PSF-Frame photometry / Object:



Frame No.329.0 / Frame Centre= 12h10m18.848s, Frame End: 19.0121s / Event centre=Frame centre -0.000s +/- -0.030s / ContactAngle=68.8frame No.347.0 / Frame Centre= 12h10m24.7344s, Frame End: 24.8980s / Event centre=Frame centre +0.155s +/- -0.034s / ContactAngle=2.6d

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

[Date ] 2024. 2. 4 [Approx hour] 12.1  
[Star ] UCAC4 491-035727  
[Asteroid ] (1596)Itzigsohn  
[Observer ] 1: Hidehito Yamamura 2:  
[Location ] Gujyou,Gifu, JPN  
[Longitude ] 136o57'01.6" E  
[Latitude ] 35o42'57.7" N  
[Altitude ] 193m  
[Datum ] WGS84  
[Event time] D: 12h10m18.841s +/- 0.030s (UTC)  
S/N=9.58 Ctt=68.8  
R: 12h10m24.889s +/- 0.035s (UTC)  
S/N=8.60 Ctt=69.3  
[Recorded ] From 12h8m31s  
To 12h11m40s  
[Mag. drop ] D: Measured: 1.30 ; Predicted: 1.5  
R: Measured: 1.28 ; Predicted: 1.5  
[Telescope ] Aperture: 23.5cm Type: SCT F=3.3  
[Camera ] Digital SLR camera video , Model=ASI290MM  
[Exposure ] Set: 321.208msec, Measure: 327msec  
[Setting ] Area: 1904x612 ; Binning=2  
Gain: 462 ; Brightness: 100 ; High Speed  
Mode: Off  
[Time keep ] GPS ; Model: VK172  
[Evidence ] GPS Time Log : Recorded ; Screen  
shot: Recorded  
[Condition ] Stability: Steady Transparency: Clear  
[Remarks ]  
[Additional comment]

<Observations>  
<Event>  
<Date>2024|2|4|12.1</Date>  
<Details>  
<Star>UCAC4|491-035727|0|0.000000000|0.000000000|0.00|0.00|0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>  
<Asteroid>1596|Itzigsohn|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|Hidehito Yamamura|0|Gujyou,Gifu|JPN|+136 57 01.6|+35 42 57.7|193| |23.5|3|b|a</ID>  
<Conditions>1|1|9.09| |</Conditions>  
<D>12 10 18.841|D|0.030| |</D>  
<R>12 10 24.889|R|0.035| |</R>  
</Observer>  
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</Event>  
</Observations>

Text-based Light curve  
Date: 2024-2-4 12:10:7.40: 27.47: 85  
Star: 0: 0: 0: 0: 0: 0: 491-035727  
Observer: +136:57:01.6: +35:42:57.7: 193:  
Hidehito Yamamura  
Object: Asteroid: 1596: Itzigsohn  
Values:1973:2255:2188:2038:2327:1954:2  
183:2138:1988:2171:1902:2169:2030:204  
6:2352:2003:1798:1959:2194:1849:2098:2  
167:1772:2167:1720:2150:1962:2115:205  
9:1950:1728:2576:1819:1820:1830:1292:7  
32:659:639:654:610:487:368:467:760:486:  
702:846:707:  
572:720:728:722:518:1990:2226:1836:208  
2:1992:1907:1826:1811:2082:1961:1973:1  
920:1911:2018:1759:1956:1846:1979:194  
8:1863:2052:1646:1934:2088:1509:1871:1  
652:1692:1992:1978:1830