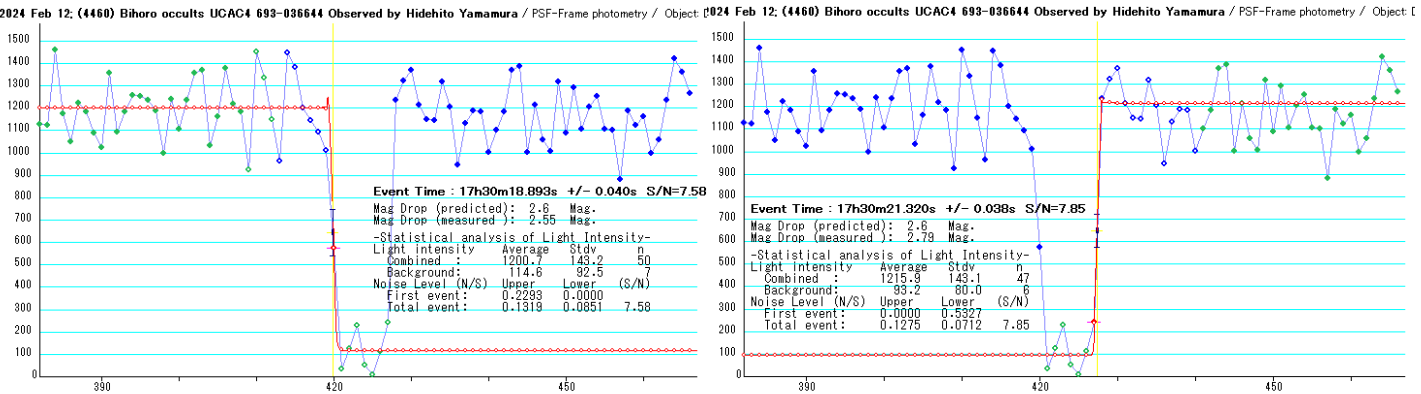
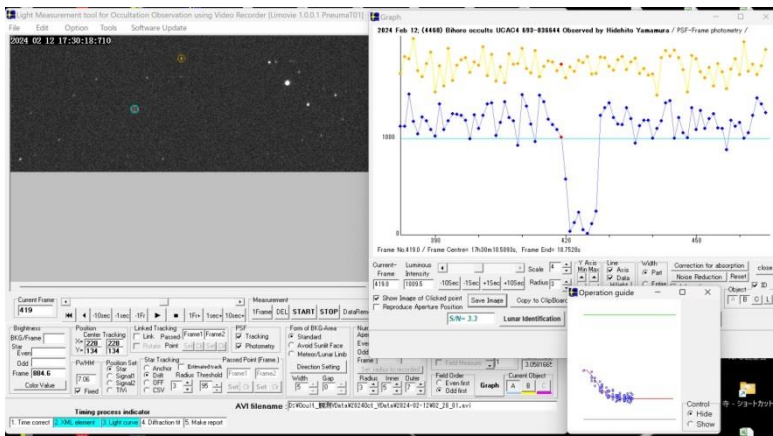


# 20240212\_(4460)Bihoro Occults UCAC4 693-036644

Hidehito Yamamura



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

[Date ] 2024. 2.12 [Approx hour] 17.5  
[Star ] UCAC4 693-036644  
[Asteroid ] (4460)Bihoro  
[Observer ] 1: Hidehito Yamamura 2:  
[Location ] Otu,Shiga, JPN  
[Longitude ] 135o55'15.7" E  
[Latitude ] 34o56'03.7" N  
[Altitude ] 87m  
[Datum ] WGS84  
[Event time]  
D: 17h30m18.893s +/- 0.037s (UTC)  
S/N=7.58 Ctt=12.8  
R: 17h30m21.320s +/- 0.040s (UTC)  
S/N=7.85 Ctt=75.5  
[Recorded ] From 17h28m2s To 17h32m2s  
[Mag. drop ]  
D: Measured: Mag Drop (measured): 2.55 Mag. ;  
Predicted: Mag Drop (predicted): 2.6 Mag.  
R: Measured: Mag Drop (measured): 2.55 Mag. ;  
Predicted: Mag Drop (predicted): 2.6 Mag.  
[Telescope ] Aperture: 23.5cm Type: SCT F=3.3  
[Camera ] Digital SLR camera video , Model=ASI290MM  
[Exposure ] Set: 327.0msec, Measure: 327msec  
[Setting ] Area: 1608x500 ; Binning=2  
Gain: 456 ; Brightness: 30 ; High Speed Mode: Off  
[Time keep ] GPS ; Model:  
[Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded  
[Condition ] Stability: Steady Transparency: Clear  
[Remarks ]  
[Additional comment]

<Observations>  
<Event>  
<Date>2024|2|12|17.5</Date>  
<Details>  
<Star>UCAC4|693-036644|0|0.000000000|0.000000000|0.000000000|0.000000000|0.000000000|25.00|25.00|25.00|0</Star>  
<Asteroid>4460|Bihoro|0.000000000|0.000000000|0.000000000|0.000000000|0.000000000|0.000000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>  
</Details>  
<Observations>  
<Observer>  
<ID>1|Hidehito Yamamura|0|Otu,Shiga|JPN|+135 55 15.7|+34 56 03.7|87|23.5|3|b|a</ID>  
<Conditions>1|17.71||</Conditions>  
<D>17 30 18.893|D|0.037||</D>  
<R>17 30 21.320|R|0.040||</R>  
</Observer>  
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Text-based Light curve  
Date: 2024-2-12 17:30:6.49: 27.47: 85  
Star: 0: 0: 0: 0: 0: 0: 693-036644  
Observer: +135:55:15.7: +34:56:03.7: 87:  
Hidehito Yamamura  
Object: Asteroid: 4460: Bihoro  
Values:1127:1125:1461:1175:1048:1223:1  
184:1089:1023:1356:1092:1182:1258:125  
2:1236:1190:996:1242:1104:1236:1354:13  
69:1032:1162:1380:1217:1182:925:1452:1  
335:1148:965:1448:1381:1202:1145:1093:  
1010:576:34:123:230:51:11:111:243:1236:  
1320:1368:  
1214:1148:1145:1319:1204:947:1134:118  
8:1186:1001:1104:1184:1371:1388:1002:1  
216:1059:1005:1316:1090:1290:1104:120  
6:1254:1108:1102:880:1187:1123:1164:10  
00:1058:1236:1422:1360:1268