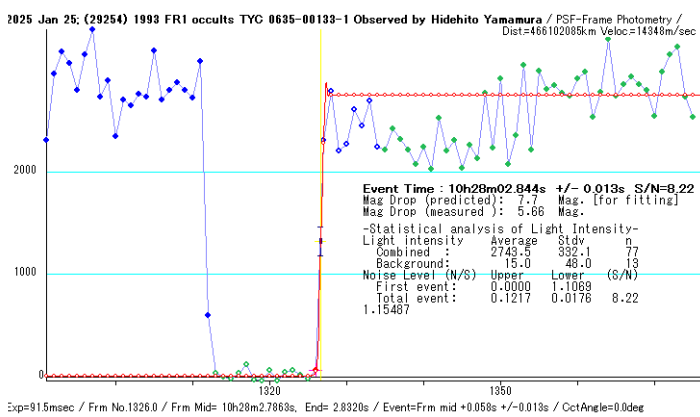
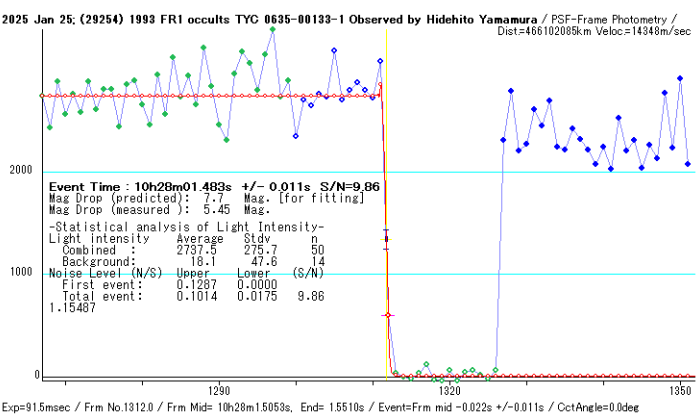


# 20250125\_(29254)1993 FR1 Occults TYC 0 635-00133-1

## Hidehito Yamamura



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

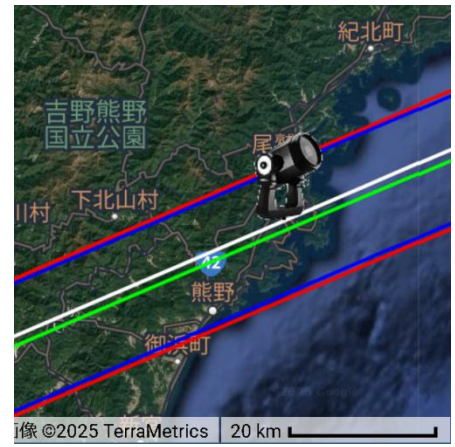
[Date ] 2025.1.25 [Approx hour] 10.4  
[Star ] Tycho2 0635-00133-1 VMag=11.05 RMag=10.54  
[Asteroid ] (29254)1993 FR1 18.75 mag.  
[Observer ] 1: Hidehito Yamamura 2:  
[Location ] OWase, Mie, JPN  
[Longitude ] 136o12'16.9" E  
[Latitude ] 33o59'58.1" N  
[Altitude ] 8m  
[Datum ] WGS84  
[Event time] D: 10h28m01.483s +/- 0.011s (UTC) S/N=9.86  
R: 10h28m02.844s +/- 0.013s (UTC) S/N=8.22  
[Predicted Time error] 0.268 sec [RUWE] 1.00  
[Recorded ] From 10h26m2s  
To 10h29m50s

[Mag. drop ]  
D: Measured: Mag Drop (measured) : 5.45 Mag. ; Predicted: Mag Drop (predicted): 7.7 Mag. [for fitting]  
R: Measured: Mag Drop (measured) : 5.66 Mag. ; Predicted: Mag Drop (predicted): 7.7 Mag. [for fitting]

[Telescope ] Aperture: 20cm Type: SCT F=3.3  
[Camera ] Analog or Digital video , Model= ASI290MM  
[Exposure ] Set: 91.5msec, Measure: 91.5msec  
[Setting ] Area: 1520x708 ; Binning=2  
Gain: 418 ; Brightness: 211 ; High Speed Mode: Off  
[Time keep ] GPS ; Model: GT902MGG  
[Evidence ] GPS Time Log : Recorded ; Screen shot: Recorded  
[Condition ] Stability: Slight flickering Transparency: Clear  
[Remarks ]

[Additional comment] 復光後の約20framesの減光部は、強風による星像のブレと広がりによるもの。

\*\*\*\*\*  
個別の解析図、xmlファイル、Light CurveTextファイル等は以下にあります。  
<https://www.data-box.jp/pdir/16efdc4445ba4a1e806681806503bb02>



観測地：三重県尾鷲市三木里町 駐車場

