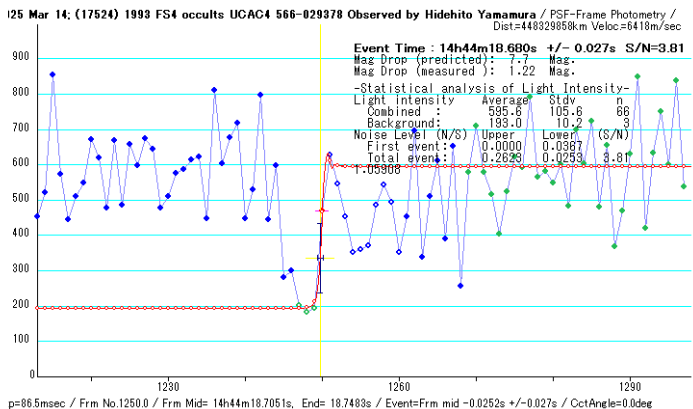
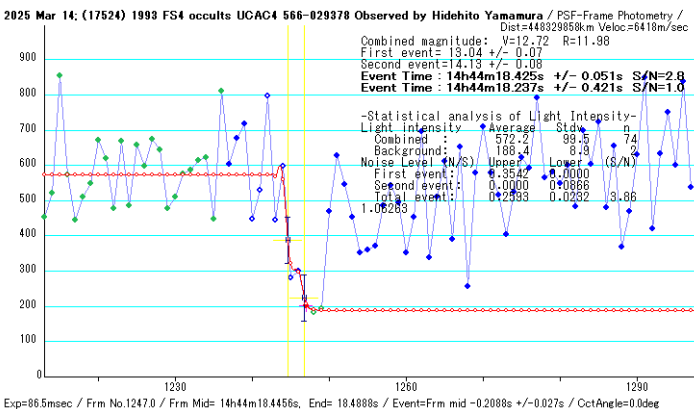
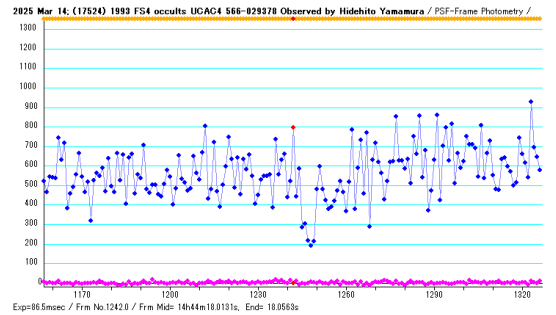
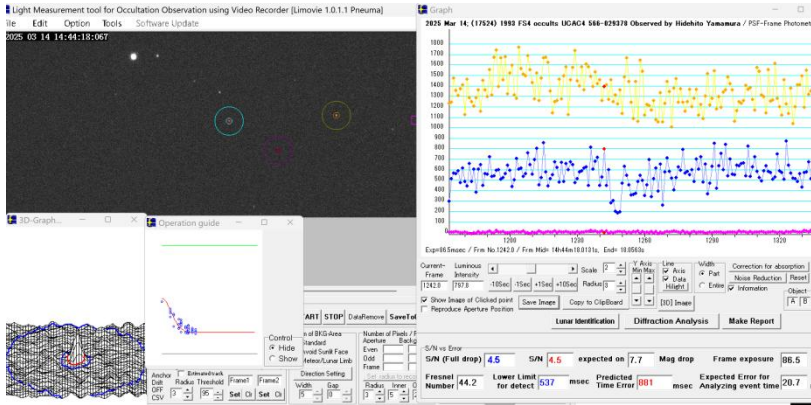


20250314_ (17524) 1993 FS4 Occults UCAC4 566-029378

Hidehito Yamamura

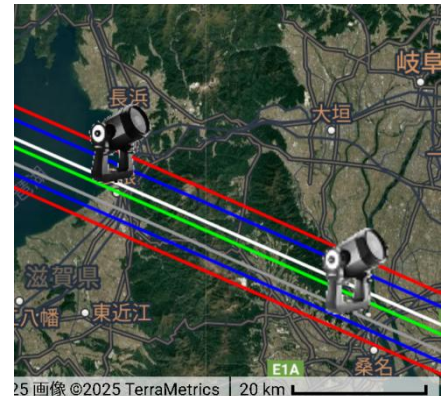


***** Asteroid occultation Report *****

[Date] 2025. 3.14 [Approx hour] 14.5
 [Star] UCAC4 566-029378 VMag=12.72 RMag=11.98
 [Asteroid] (17524)1993 FS4 20.46 mag.
 [Observer] 1: Hidehito Yamamura 2:
 [Location] Hikone, Shiga, JPN
 [Longitude] 136o15'27.1" E
 [Latitude] 35o17'21.3" N
 [Altitude] 86m
 [Datum] WGS84
 [Event time] D: 14h44m18.235s +/- 0.043s (UTC) S/N=3.05
 D: 14h44m18.423s +/- 0.013s (UTC) S/N=6.83
 R: 14h44m18.680s +/- 0.027s (UTC) S/N=3.81
 [Predicted Time error] 0.881 sec [RUWE] 1.10
 [Recorded] From 14h42m31s
 To 14h45m57s
 [Mag. drop] D: Measured: Mag Drop (measured): 0.73 Mag. ; Predicted: Mag Drop (predicted)
 D: Measured: Mag Drop (measured): 0.47 Mag. ; Predicted: Mag Drop (predicted): 7.7
 R: Measured: Mag Drop (measured): 1.22 Mag. ; Predicted: Mag Drop (predicted): 7.7
 [Telescope] Aperture: 20cm Type: SCT F=3.3
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 86.5msec , Measure: 86.5msec
 [Setting] Area: 1504x660 ; Binning=2
 Gain: 436 ; Brightness: 122 ; 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]

減光部でステップが見られる。重星解析。減光等級1.2等／予報7.8等

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://u.pcloud.link/publink/show?code=kZCEH85ZAen4xeg93A42RzD7iod7QjYHSBXV>



観測地: 滋賀県彦根市松原 農道

Time correction using IPPS LED
 観測日時: 2025/03/14 14:50:00
 観測地点: 滋賀県彦根市松原 農道
 観測者: Hidehito Yamamura
 観測機材: ASI290MM
 観測条件: 1504x660, Binning=2, Gain=436, Brightness=122, High Speed Mode: Off
 観測日時: 2025/03/14 14:50:00
 観測地点: 滋賀県彦根市松原 農道
 観測者: Hidehito Yamamura
 観測機材: ASI290MM
 観測条件: 1504x660, Binning=2, Gain=436, Brightness=122, High Speed Mode: Off

23:27:25