

(170859) 2004FP131 occults UCAC4 606-016386 on 2025 Apr 9 from 10h24m to 10h30m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 4. 9 [Approx hour] 10.4
 [Star] UCAC4 606-016386 VMag=12.85 RMag=12.22
 [Asteroid] (170859)2004 FP131 20.66 mag.

[Observer] 1: Katsumasa Hosoi 2:
 [Location] Miharu, Fukushima, JP
 [Longitude] 140o26'04.2" E
 [Latitude] 37o25'36.7" N
 [Altitude] 274m
 [Datum] WGS84

[Event time] D: 10h29m05.785s +/- 0.018s (UTC) S/N=5.50
 R: 10h29m05.986s +/- 0.022s (UTC) S/N=4.70
 [Predicted Time error] 0.211 sec [RUWE] 0.95

[Recorded] From 10h27m0s
 To 10h31m20s

[Mag. drop] D: Measured: Mag Drop (measured): 3.36 Mag. ;
 Predicted: Mag Drop (predicted): 7.8 Mag. [for fitting]
 R: Measured: Mag Drop (measured): 3.32 Mag. ;
 Predicted: Mag Drop (predicted): 7.8 Mag. [for fitting]

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video , Model= ASI290MM
 [Exposure] Set: 99.3msec, Measure: 99.3msec
 [Setting] Area: 1280x680 ; Binning=2
 Gain: 420 ; Brightness: 100 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Clear
 [Remarks]

[Additional comment]

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