

(269) Justitia occults UCAC4 525-047999 on 2025 Jan 23 from 13h41m to 13h54m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 1.23 [Approx hour] 13.8
[Star] UCAC4 525-047999 VMag=13.06 RMag=12.41
[Asteroid] (269)Justitia 13.99 mag.

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

[Event time] D: 13h49m40.411s +/- 0.028s (UTC) S/N=8.84
R: 13h49m44.198s +/- 0.037s (UTC) S/N=6.65
[Predicted Time error] 0.212 sec [RUWE] 0.90

[Recorded] From 13h47m30s
To 13h51m50s

[Mag. drop] D: Measured: Mag Drop (measured): 1.15 Mag ;
Predicted: Mag Drop (predicted): 1.3 Mag.
R: Measured: Mag Drop (measured): 1.20 Mag ;
Predicted: Mag Drop (predicted): 1.3 Mag.

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
[Camera] Analog or Digital video , Model= ASI290MM
[Exposure] Set: 246.0msec, Measure: 246msec
[Setting] Area: 1280x680 ; Binning=2
Gain: 440 ; Brightness: 105 ; High Speed Mode: Off
[Time keep] GPS ; Model: GHS-OSD
[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Thin cloud <2
[Remarks]

[Additional comment]

```
<Observations>
<Event>
<Date>2025|1|23|13.8</Date>
<Details>
<Star>UCAC4|525-047999|0||0.0000000000|0.0000000000|0.00|0.00|
0.00|0|0.00000000|0.00000000|25.00|25.00|25.00|0</Star>
<Asteroid>269|Justitia|0.00000000|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|Katsumasa Hosoi|0|Miharu, Fukushima|JPN|
+140 26 04.2|+37 25 36.7|274| |25|2|ala</ID>
<Conditions>2|3|7.75||</Conditions>
<D>13 49 40.411|D|0.028|| </D>
<R>13 49 44.198|R|0.037|| </R>
</Observer>
</Observations>
<LastEdited>2023|7|17</LastEdited>
</Event>
</Observations>
```

