

(137805) 1999YK5 occults TYC 4383-01128-1 on 2025 Jan 7 from 14h47m to 15h01m UT

Katsumasa Hosoi / Miharu, Fukushima

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

[Date] 2025. 1. 7 [Approx hour] 14.9
 [Star] Tycho2 4383-01128-1 VMag=10.21 RMag=9.87
 [Asteroid] (137805)1999 YK5 16.87 mag.

[Observer] 1: Katsumasa Hosoi 2:
 [Location] Isesaki, Gunma, JPN
 [Longitude] 139o10'36.3" E
 [Latitude] 36o19'41.3" N
 [Altitude] 61m
 [Datum] WGS84

[Predicted Time error] 0.388 sec [RUWE] 1.15

[Recorded] From 14h53m10s
 To 14h57m30s

[Mag. drop] D: Measured: ; Predicted:
 R: Measured: ; Predicted:

[Telescope] Aperture: 25cm Type: Newtonian F=4.0
 [Camera] Analog or Digital video, Model= ASI290MM
 [Exposure] Set: 15.4msec, Measure: 15.4msec
 [Setting] Area: 968x548 ; Binning=2
 Gain: 440 ; Brightness: 130 ; High Speed Mode: Off
 [Time keep] GPS ; Model: GHS-OSD
 [Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Steady Transparency: Clear
 [Remarks]

[Additional comment]

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<Asteroid>137805|1999 YK5|0.00000000|0.00000000|0.00000000|
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